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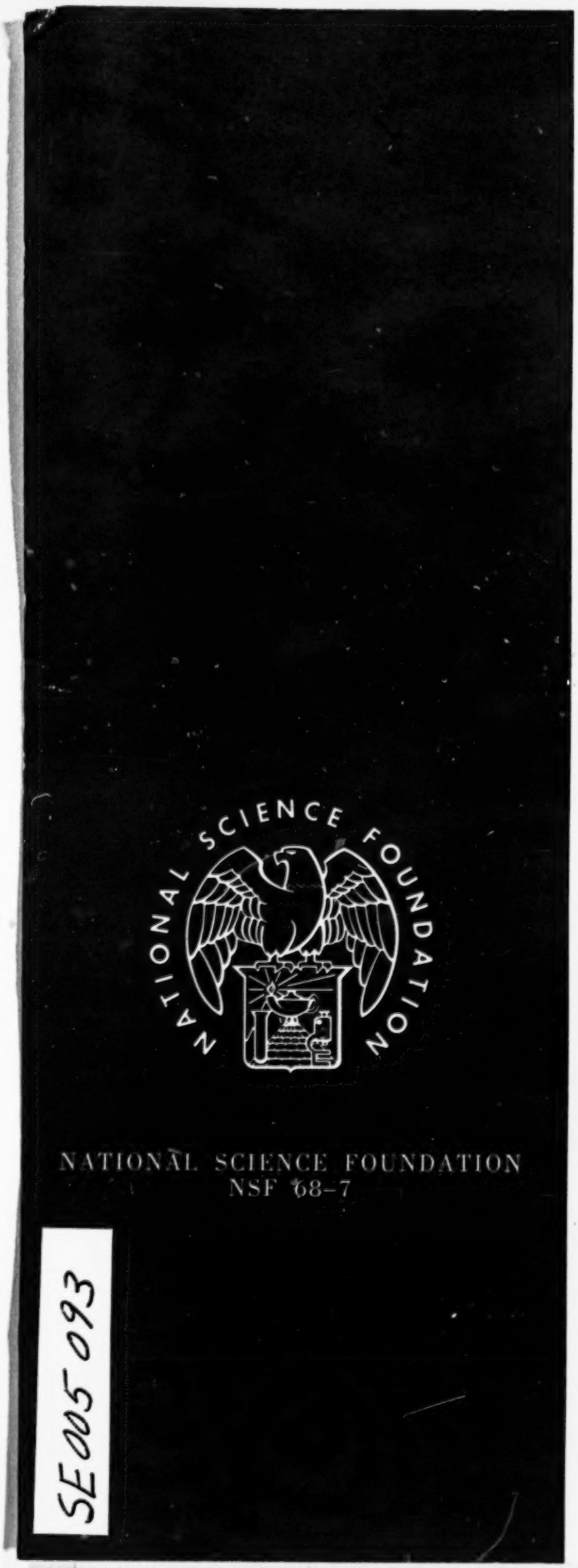
Information concerning 243,000 scientists is reported in the 1966 National Register of Scientific and Technical Personnel. Data are presented on education, specialization, type of employer, salary, age, sex, and other factors selected to meet the needs of most users of data on scientific personnel. Discussed are characteristics of scientists and median annual salary figures. (BC)



NATIONAL SCIENCE FOUNDATION
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AMERICAN SCIENCE MANPOWER 1966

A Report of the National Register of Scientific and Technical Personnel

AMERICAN SCIENCE MANPOWER 1966

A Report of the National Register of Scientific and Technical Personnel

NATIONAL SCIENCE FOUNDATION
NSF 68–7

FOREWORD

THIS REPORT is based on the 243,000 individual scientists in the 1966 National Register of Scientific and Technical Personnel. It is a reference document showing data on education, specialization by work activity and field, type of employer, salary, age, sex, and other factors, selected to meet the needs of most users of data on scientific personnel. Selection of the data has been guided by numerous inquiries and requests for various types of information. The nature of these requests has also provided evidence that the data frequently serve as the bases for important policy decisions in all sectors of the American scientific and technological enterprise.

National Register data have been collected for the past 12 years and will form part of a longitudinal file covering such subjects as geographic mobility, mobility among types of employers, and career patterns in terms of training and employment. Such studies should provide valuable insight into the dynamics of this population.

The National Science Foundation gratefully acknowledges the cooperation of the Nation's scientists who responded to the National Register as well as the cooperation of the participating scientific societies. Responsibility for the National Register of Scientific and Technical Personnel is under the general supervision of Thomas J. Mills, Head, Sponsored Surveys and Studies Section, in the Office of Economic and Manpower Studies, H. E. Riley, Head.

CHARLES E. FALK
Planning Director
National Science Foundation

DECEMBER 1967

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Milton Levine, Study Director, National Register of Scientific and Technical Personnel, planned and prepared this report with the assistance of Suzanne M. Duval. George Dan Clark, Manager of the National Register Records Center, was responsible for the data-processing activities carried out at North Carolina State University in Raleigh. The 1966 National Register was coordinated by J. James Brown. The following organizations cooperated with the National Register in 1966: American Anthropological Association, American Chemical Society, American Economic Association, American Geological Institute, American Institute of Biological Sciences, American Institute of Physics, American Mathematical Society, American Meteorological Society, American Psychological Association, American Sociological Association, Center for Applied Linguistics, Federation of American Societies for Experimental Biology, and, through these organizations, other specialized societies.

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The National Register of Scientific and Technical Personnel, **a requirement of the National Science Foundation Act of 1950, collects data at 2-year intervals to provide statistical information on the supply, utilization, and characteristics of the Nation's scientists. The 1966 registration is the sixth in this series.**

SUMMARY

Almost a quarter million scientists, of whom 8 percent were women, reported to the National Register in 1966. Three-fifths of these registrants were in the physical sciences, one-fourth in the life sciences, and the remainder in the social sciences. The total number of registrants was 242,800 in 1966, compared with 223,900 in 1964.

Highest Degree

In 1966, doctorates were reported as the highest degree by 37 percent of the registrants, master's degrees by 27 percent, and bachelor's degrees by 30 percent.

Type of Employer

Industry employed 34 percent of the scientists in the National Register in 1966, down from 38 percent in 1964. The proportion of scientists employed in educational institutions increased slightly, from 35 percent to 36 percent; and those in the Federal Government remained at 10 percent both years.

Universities and Colleges

Of the 79,500 scientists employed in universities and colleges, 62 percent held the doctorate, 23 percent held the master's degree, and 10 percent held the bachelor's degree. Almost three-fourths of these scientists were in teaching as either a primary or secondary work activity.

Primary Work Activity

One-third of the 1966 registrants were primarily engaged in research and development, 18 percent reported teaching as their primary work, and 20 percent of the scientists were in management or administration.

Years of Professional Experience

One-half of the scientists reported less than 12 years of professional experience; 20 percent of the registrants had less than 5 years.

Age

The median age of registrants in 1966 was 38 years; one-fifth of the scientists were in their twenties.

Geographic Location

Eight States included more than one-half of the total registrants. California and New York each had well over 26,000 registrants. Six other States each had more than 10,000 registrants—Pennsylvania, Illinois, New Jersey, Texas, Ohio, and Massachusetts. There was a slight decrease (from 12 percent to 11 percent) in the proportion of registrants in California from 1964 to 1966. Michigan reported a slight increase, from 3 percent to 4 percent during this 2-year period. The other States remained at about the same proportion of the total.

Salaries

The median salary of full-time employed civilian scientists rose 9 percent from $11,000 in 1964 to $12,000 in 1966. Median salaries higher than $12,000 were reported in the fields of economics ($13,100), statistics ($12,800), and physics ($12,500); also for employment in industry ($13,000), nonprofit organizations ($13,000), and Federal Government ($12,100). The median salary of college teachers was $12,800 on a calendar year basis and $9,900 on an academic year basis. For both 1964 and 1966, median salaries higher than the national average were reported by scientists in Delaware, District of Columbia, New Jersey, Maryland, New Mexico, California, and New York.

Federal Support

The Federal Government provided funds for at least some of the work of 104,900 scientists, or 43 percent of the total registrants, including 30,600 Federal employees, civilian or military. Defense and health programs provided funds for the largest number of scientists in both 1964 and 1966.

Students

Twelve percent (30,500) of the registrants reported that they were either full-time or part-time students. About 6 percent of the full-time students were holders of doctoral degrees; one-half held the master's degree, and 43 percent were bachelor's holders in graduate training programs.

Foreign Language and Area Knowledge

More than 80 percent of the registrants reported knowledge of a foreign language, and 40 percent reported knowledge of a foreign area gained by residence, research, or travel.

INTRODUCTION

THIS PUBLICATION, based on the 1966 National Register of Scientific and Technical Personnel, reports data on the supply, utilization, and characteristics of the Nation's scientific manpower resources. The 1966 registration is the sixth of a series conducted by the National Science Foundation to collect and make available timely information on qualified personnel in science fields. Earlier studies were conducted for 1954, 1956–58, 1960, 1962, and 1964.

The Foundation sponsors the National Register as authorized and directed in the National Science Foundation Act of 1950 to ". . . maintain a register of scientific and technical personnel and in other ways provide a central clearing house for information covering all scientific and technical personnel . . . ." In carrying out this legislative mandate, the National Register provides statistical information on these personnel and is the mechanism by which, under special conditions, individuals with special competence can be identified and located as required.

From the outset, the National Science Foundation has maintained the National Register by contract with the scientific societies rather than as a program operated solely by the Federal Government. Within this framework, the Foundation develops uniform standards and procedures, and reports findings across discipline lines.

The National Register questionnaire differs considerably from the more complex, special-purpose questionnaires used from time to time by other organizations to obtain information in depth concerning selected portions of the scientific and technical population. In contrast, this questionnaire obtains minimum information at 2-year intervals on the individual's educational background, current employment, specializations in science or technology, and selected personal characteristics (see appendix C).

The items in the questionnaire are reviewed periodically in order to assure that data collection is confined to the minimum essentials and thus to minimize the respondent burden. As a result, the American Chemical Society reports that respondents now average less than 15 minutes to complete the National Register questionnaire. A list of scientific specializations, which accompanies the questionnaire, is reviewed biennially by representatives of the cooperating societies to assure that core specialties of a discipline as well as the interdisciplinary and related areas are represented.

The societies compile the mailing lists from many sources, mail the questionnaires, and review the returns for "full professional standing" as scientists according to explicit criteria (see appendix B). Since these criteria differ in requirements for education and experience, the varying standards should be kept in mind when comparing numbers of scientists in different fields.

Coverage of the National Register

National Register mailing lists are compiled by the cooperating societies from their membership lists; regional, local, and other special affiliated membership lists; lists of nonmembers attending professional meetings; publication subscription lists; and alumni organization lists. In some cases the nonmembers account for sizable proportions of the mailing lists. For example, the American Chemical Society, with a membership of 94,000, mailed out 140,000 questionnaires; the American Institute of Biological Sciences and the Federation of American Societies for Experimental Biology, with combined memberships of 16,000, mailed out 92,000 questionnaires. Experience indicates that about 15 percent of the registrants are not members of any professional society.

By using National Register information provided by the Foundation, the scientific societies remove duplicate names from the mailing lists that they maintain. The effort has been highly successful in assuring that one questionnaire is sent to each individual. A few duplicate names occur among individuals who hold membership in several scientific societies, but all are asked to complete only one questionnaire. The use of social security numbers helps to differentiate individuals with identical names. To simplify collection procedures and reduce the burden on individual scientists, an updating procedure will be undertaken for the 1968 registration instead of requesting completion of the entire questionnaire.

In 1966, mailing lists of all participating societies included 482,000 names of members and others associated with one of the natural or social science fields. The elimination of duplicates reduced this list to approximately 453,000 individuals. Of them, 302,000 returned questionnaires, and 151,000 were nonrespondents. Those providing incomplete information or not meeting the criteria for inclusion totaled 59,000; thus, the data on the remaining 243,000 persons are included in this report. In proportionate terms, 67 percent of the individuals on the lists compiled by the cooperating societies returned questionnaires, and 20 percent of the returned questionnaires were incomplete or showed less than full professional qualifications.

To determine the characteristics of the nonrespondents, a stratified sample based on geographic location and field of science was developed, and nonrespondents to the 1964 National Register are now being asked to provide selected information. The results of this study should provide the means by which the characteristics of the respondents and nonrespondents can be considered representative of all individuals included on the National Register mailing lists.

Scope of the National Register Data

The 1966 National Register includes chemists, earth scientists, meteorologists, physicists, astronomers, mathematicians, agricultural scientists, biologists, psychologists, statisticians, economists, sociologists, anthropologists, and linguists; in the 1968 registration, political scientists will be added.

Respondents reported their areas of scientific competence based on both education and work experience, professional identification, major subject of highest degree, and current field of employment. The principal basis for tabulating National Register data in this report was the first item, field of greatest scientific competence, as reported by the respond-

ent. This procedure was used since (*a*) the major subject of an individual's academic training alone may not take into account the influence of his work experience, (*b*) an employee's job title may not be sufficiently indicative because of variations in definitions and methods of classifying jobs, and (*c*) identification with a profession may rest on one of the foregoing factors and, at best, tends to represent the individual's personal view at a particular time.

The specialties list included approximately 1,200 specific specialties that were grouped into some 120 subfields and, in turn, grouped into 13 major scientific and technical fields (appendix D). Since the data are presented at both field and subfield levels, various combinations can be chosen to make up other major fields. Thus, the characteristics of persons in biochemistry can be studied independently or as a component in the field of either biology or chemistry. Responses to the 1966 National Register show that some individuals trained in one scientific field reported specialties in other fields and employment in still others.

Comparisons With Other Data

The National Register count of scientists differs from other published estimates (e.g., Bureau of the Census and Bureau of Labor Statistics) principally because of differences in fields included, reporting methodology, definitions, and time references. These three systems for collecting manpower information are designed to meet different needs and their counts are not based on identical populations. A greater amount of detailed information on scientists is available from the National Register, as compared with either Census or BLS data.

In 1966, BLS estimated that there were 399,000 natural scientists in the United States. This estimate was based on a sample survey of employing establishments, which were asked to report the number of employees working as natural scientists, according to BLS occupational definitions. It is recognized that employers' classification practices in adhering to these definitions are far from uniform, and they tend to produce statistical totals that conform to a payroll classification system rather more closely than to a scientific qualifications system. Estimates based on employer reporting usually define scientists as those whose jobs require at least a science baccalaureate degree or "equivalent training" and who are engaged in a scientific activity. Sometimes such counts are further limited to those engaged in research and development. An element of duplication exists to the extent that scientists are engaged in more than one job.

The 1960 Census of Population reported that there were 275,000 natural and social scientists, based on a study of a 25-percent sample of the population. Replies were classified according to the Census occupational classification. Comparison of Census data with information from other data sources is complicated by the infrequency of the survey. Census estimates the total scientific population at decennial intervals; more frequent sample surveys of households provide insufficient occupational detail to compare with other counts of scientists.

In 1966, the National Register included 243,000 natural and social scientists who met the criteria for "full professional standing." The individual respondent provided his personal, educational, and professional information, in addition to designating his scientific field.

Uses of National Register Information

The National Register, as a major source of data for studies underlying the development of national science policy, has provided information to both the Congress and the executive department agencies. The Senate Committee on Labor and Public Welfare, the House Select Committee on Government Research, and the House Committee on Government Operations were provided National Register data on impact of Federal R&D policies on scientific and technical manpower, the training and utilization of the manpower resources of the Nation, Federal support of research and development, and the impact of Federal funds on science teaching and research.

Some other examples include the use of National Register data by the Office of Science and Technology to appraise the effect of Federal funds on universities and colleges, by the National Institutes of Health to estimate the supply of scientists in life and health-related fields, by the Federal Council for Science and Technology to appraise the adequacy of supply of oceanographers in relation to Government programs in oceanography, and by the Civil Service Commission to compare Federal Government salary levels for scientists and engineers with those in other sectors of the economy.

Other users of National Register data include the Organisation for Economic Co-operation and Development, State governments, private companies, and universities to assist them in the study of characteristics of their scientific manpower.

Future use of National Register information will capitalize on the fact that registrations now provide information on the scientific specializations, work activities, levels of education, and other characteristics of scientists over a 12-year period. In the six successive registrations from 1954 to 1966, the numbers rose from 127,000 to 243,000. Longitudinal analyses, tracing the careers of individual scientists recorded in these successive registrations, should shed further light on the geographic mobility of scientists, the regional location of manpower with advanced degrees, and work history patterns.

Organization of the Report

This report provides National Register data in three parts: a broad perspective in part I; more specific, although selective, tabulations in part II; and detailed tabulations in appendix A. Administrators and science managers may be particularly interested in the presentations in part I and the summary of major characteristics in part II. Investigators seeking detailed information should look to the data in the appendix tables.

The Subject Matter Guide (pages 7–12) shows where to locate specific kinds of information on the numbers and salaries of scientists.

Appendix B shows the criteria for inclusion in the National Register as determined by the scientific societies. The questionnaire and specialties list used in 1966 are reproduced in appendix C. The subfields included in each scientific and technical field are presented in appendix D. A language family list is provided in appendix E, and a list of foreign areas is in appendix F.

SUBJECT MATTER GUIDE

	NUMBER OF SCIENTISTS	SALARY OF SCIENTISTS
	Page	Page
ACADEMIC RANK, *see* UNIVERSITY AND COLLEGE TEACHERS, Academic rank		
ACADEMIC YEAR SALARY BASE, *see* SALARY BASE FOR UNIVERSITY AND COLLEGE TEACHERS		
AGE		44
Highest degree	27, 30,33	
Scientific field:		
Highest degree	61	
Primary work activity	85	
Type of employer	76	93
Subfield	179	
Type of employer	35, 38, 40, 42	
CALENDAR YEAR SALARY BASE, *see* SALARY BASE FOR UNIVERSITY AND COLLEGE TEACHERS		
EMPLOYMENT STATUS:		
Highest degree	25, 28, 31	
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FEDERAL SUPPORT:		
Government program:		
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Scientific field:		
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	NUMBER OF SCIENTISTS	SALARY OF SCIENTISTS
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HIGHEST DEGREE:		
Age	27, 30, 33	
Employment status	25, 28, 31	
Federal support and Government program	48	
Major subject and scientific field	58	
Primary work activity	26, 29, 32	
Second work activity at universities and colleges	169	
Scientific field	25, 28, 31	43
Age	61	
Employment status	64	
Government program	150	
Major subject	58	
Primary work activity	70	
Students, part-time	189	
Type of employer	67	96
University and college teachers, by academic rank	171	
Women	200	
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State	105	111
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Highest degree	26, 29, 32	
Second work activity at universities and colleges	169	
Scientific field:		
Age	85	
Federal support and Government program	160	

	NUMBER OF SCIENTISTS	SALARY OF SCIENTISTS
	Page	Page
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Scientific field—Continued:		
Highest degree	70	
Second work activity at universities and colleges	166	
Students, part-time	189	
Type of employer	79	96
Women	201	
Years of professional experience	88	
Second work activity and highest degree at universities and colleges	169	
Second work activity and scientific field at universities and colleges	166	
Standard Metropolitan Statistical Area	129	145
State	107	113
Students, part-time, and scientific field	189	
Subfield	183	
Type of employer	34, 37, 39, 41	
Women	51	
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PROFESSIONAL IDENTIFICATION:		
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SALARY DISTRIBUTION:		
Scientific field		57
SCIENTIFIC FIELD:		
Age:		
Highest degree	61	
Primary work activity	85	
Type of employer	76	93
Employment status and highest degree	64	
Federal support	48	
Government program:		
Highest degree	150	
Primary work activity	160	
Type of employer	154	
Field of employment	59	
Foreign area knowledge	47, 196	
Foreign language knowledge	46, 190	
Highest degree, *see* HIGHEST DEGREE, Scientific field		
Major subject of highest degree	58	
Primary work activity, *see* PRIMARY WORK ACTIVITY, Scientific field		

	NUMBER OF SCIENTISTS	SALARY OF SCIENTISTS
	Page	Page
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Salary distribution		57
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State	102	108
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Highest degree	189	
Primary work activity	189	
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Universities and colleges, first and second work activity	166	
University and college teachers:		
Highest degree and academic rank	171	
Salary base and academic rank		173
State	174	
Women	50	52
Highest degree	200	
Primary work activity	201	
Type of employer	200	
Years of professional experience	201	
Years of professional experience:		
Highest degree	73	
Primary work activity	88	
Type of employer	82	99
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Highest degree and primary work activity at universities and colleges	169	
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Highest degree	123	139
Primary work activity	129	145
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Type of employer	126	142
STATE	45	45
Federal support and Government program	148	
Highest degree	105	111
Primary work activity	107	113

	NUMBER OF SCIENTISTS	SALARY OF SCIENTISTS
	Page	Page
STATE—Continued:		
Scientific field	102	108
University and college teachers	174	----
Type of employer	106	112
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STUDENTS, PART-TIME:		
Highest degree and scientific field	189	----
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Age	179	----
Highest degree	177	----
Primary work activity	183	----
Type of employer	181	----
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TYPE OF EMPLOYER	----	43
Age	35, 38, 40, 42	----
Federal support	49	----
Government program and scientific field	154	----
Highest degree	26, 29, 32	----
Primary work activity	34, 37, 39, 41	----
Scientific field	34, 37, 39, 41	----
Age	76	93
Federal support and Government program	154	----
Highest degree	67	91
Primary work activity	79	96
Students, part-time	189	----
Women	200	----
Years of professional experience	82	99
Standard Metropolitan Statistical Area	126	142
State	106	112
Subfield	181	----
Women	51	----
Years of professional experience	35, 38, 40, 42	----
UNIVERSITY AND COLLEGE TEACHERS:		
Academic rank:		
Highest degree	36	----
Scientific field	171	----
Salary base and scientific field	----	173
State	176	----
State and scientific field	174	----
WOMEN SCIENTISTS:		
Highest degree and scientific field	50, 200	----
Primary work activity	51	----
Scientific field	50	52

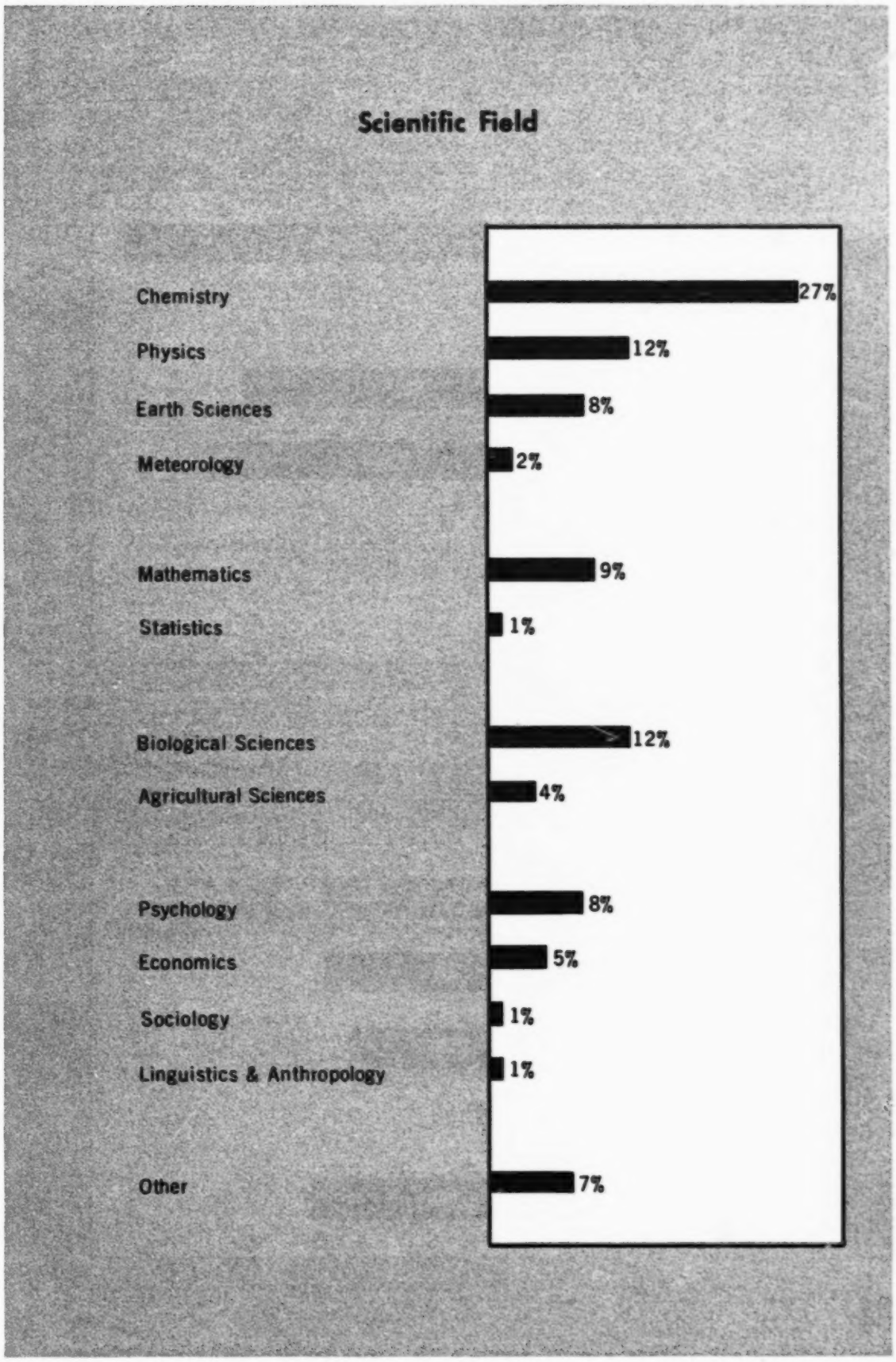
	NUMBER OF SCIENTISTS	SALARY OF SCIENTISTS
	Page	Page
WOMEN SCIENTISTS—Continued:		
Scientific field—Continued:		
Primary work activity	201	
Type of employer	200	
Years of professional experience	201	
Type of employer	51	
Years of professional experience	52	
WORK ACTIVITY, *see* PRIMARY WORK ACTIVITY *and* SECOND WORK ACTIVITY		
YEARS OF PROFESSIONAL EXPERIENCE		44
Highest degree	27, 30, 33	
Scientific field:		
Highest degree	73	
Primary work activity	88	
Type of employer	82	99
Women	201	
Subfield	185	
Type of employer	35, 38, 40, 42	
Women	52	

PART I. GRAPHIC HIGHLIGHTS

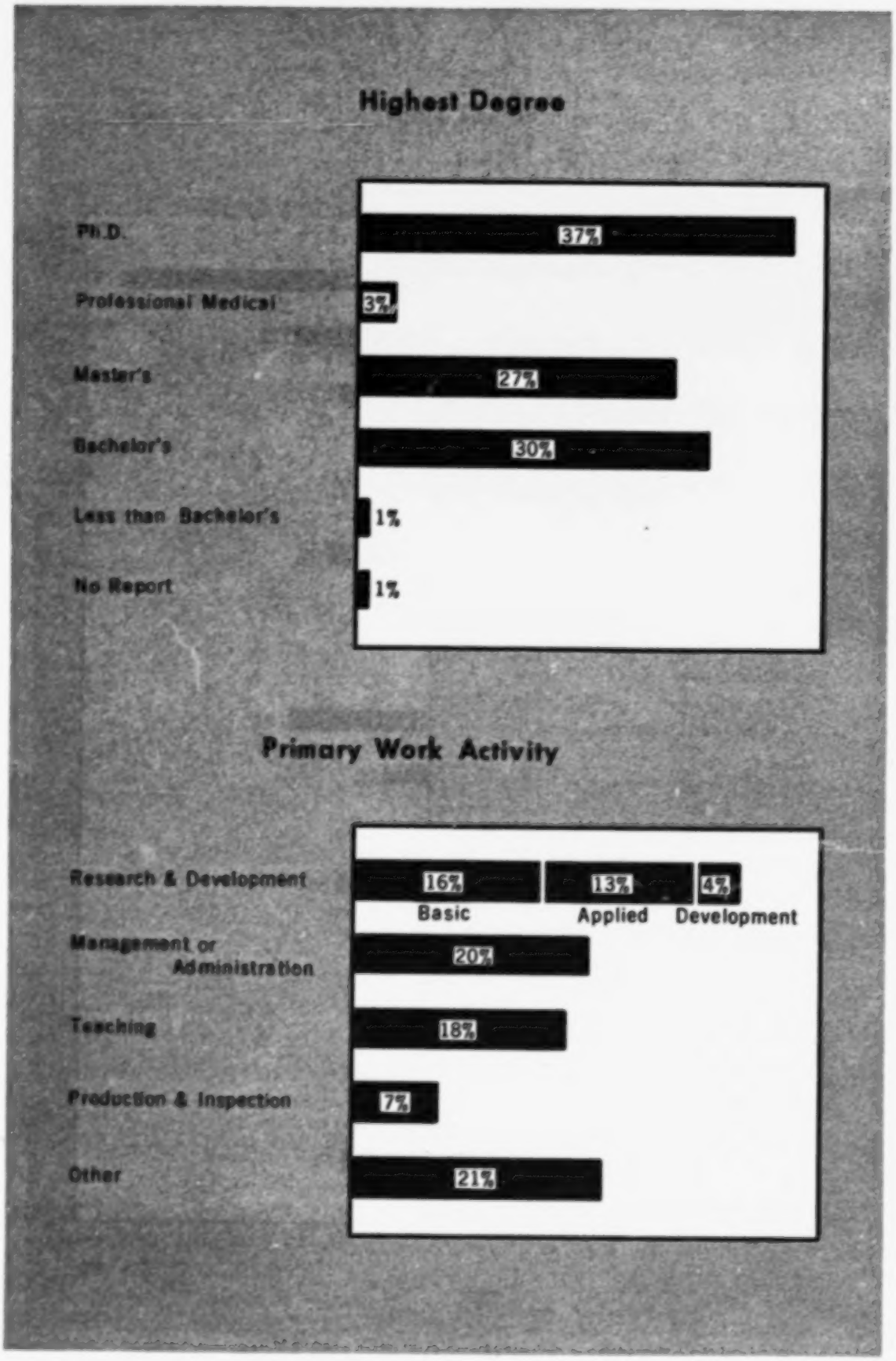
NOTES

- **Percent details shown in these charts may not add to totals because of rounding.**
- **Numerical basis for percentages was the total 242,763 scientists in the National Register of Scientific and Technical Personnel, 1966.**

GENERAL CHARACTERISTICS OF SCIENTISTS



Source: National Register of Scientific and Technical Personnel, 1966



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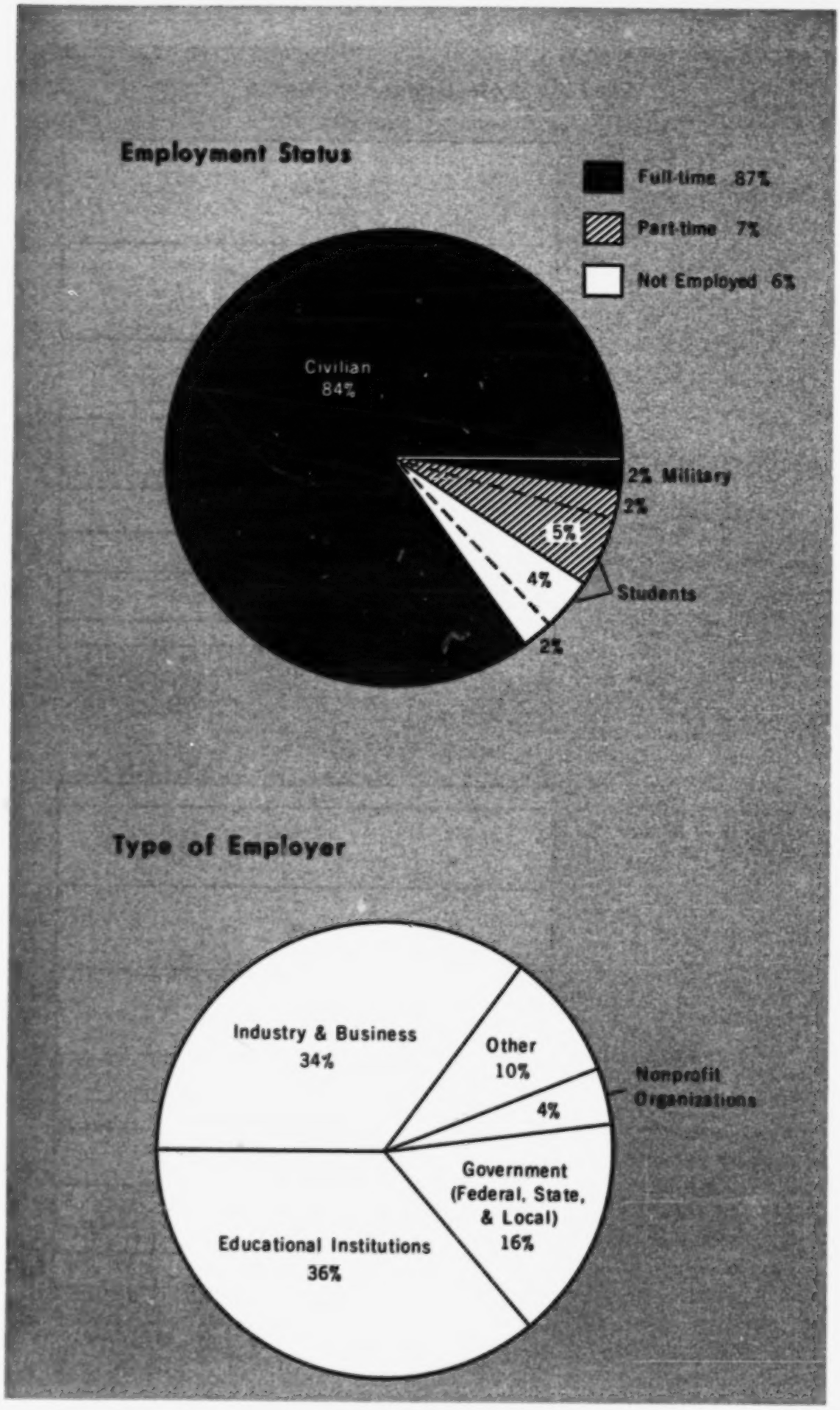


Source: National Register of Scientific and Technical Personnel, 1966

Years of Professional Experience

(Median, 12 Years)

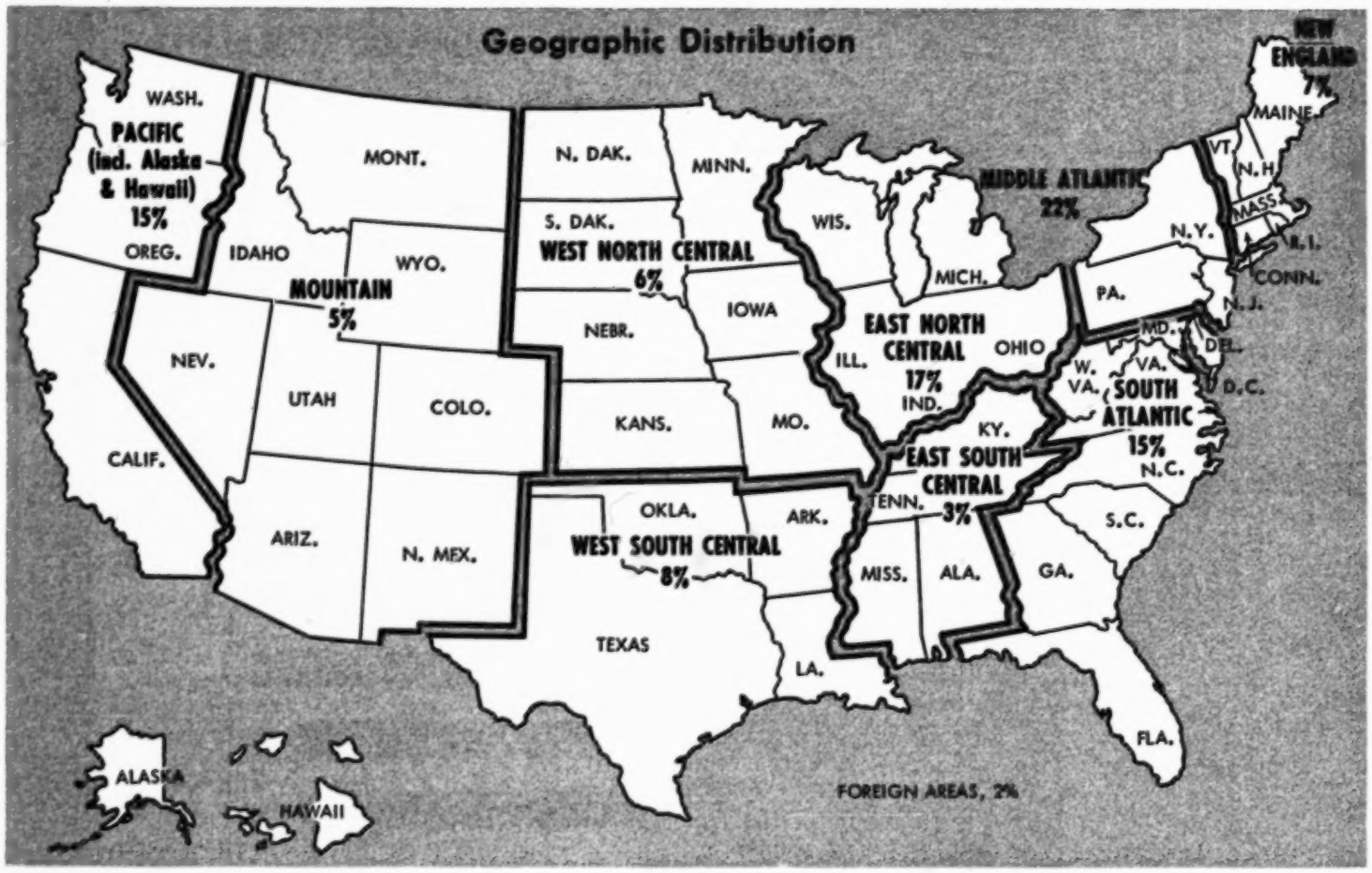
Less than 5 Years	21%
5 to 9 Years	20%
10 to 14 Years	16%
15 to 19 Years	14%
20 to 24 Years	8%
25 to 29 Years	7%
30 or More Years	10%
24 or Under	4%

Age

(Median Age 38)

No Report	4%
25 to 29 Years	16%
30 to 34 Years	17%
35 to 39 Years	17%
40 to 44 Years	15%
45 to 49 Years	12%
50 to 54 Years	8%
55 to 59 Years	5%
60 or Over	6%

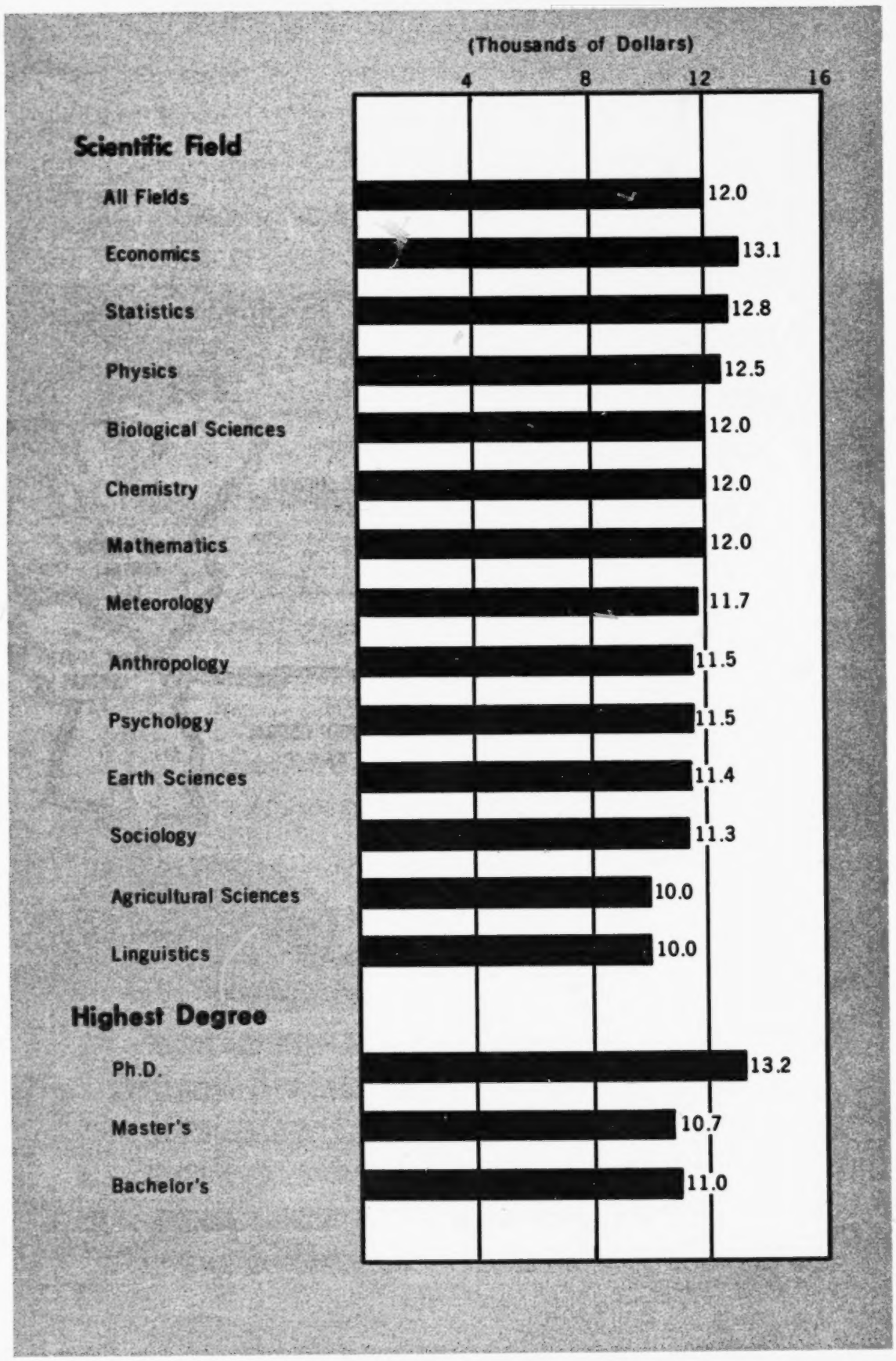
Source: National Register of Scientific and Technical Personnel, 1966



Source: National Register of Scientific and Technical Personnel, 1966

MEDIAN ANNUAL SALARIES

Full-Time Employed Civilian Scientists



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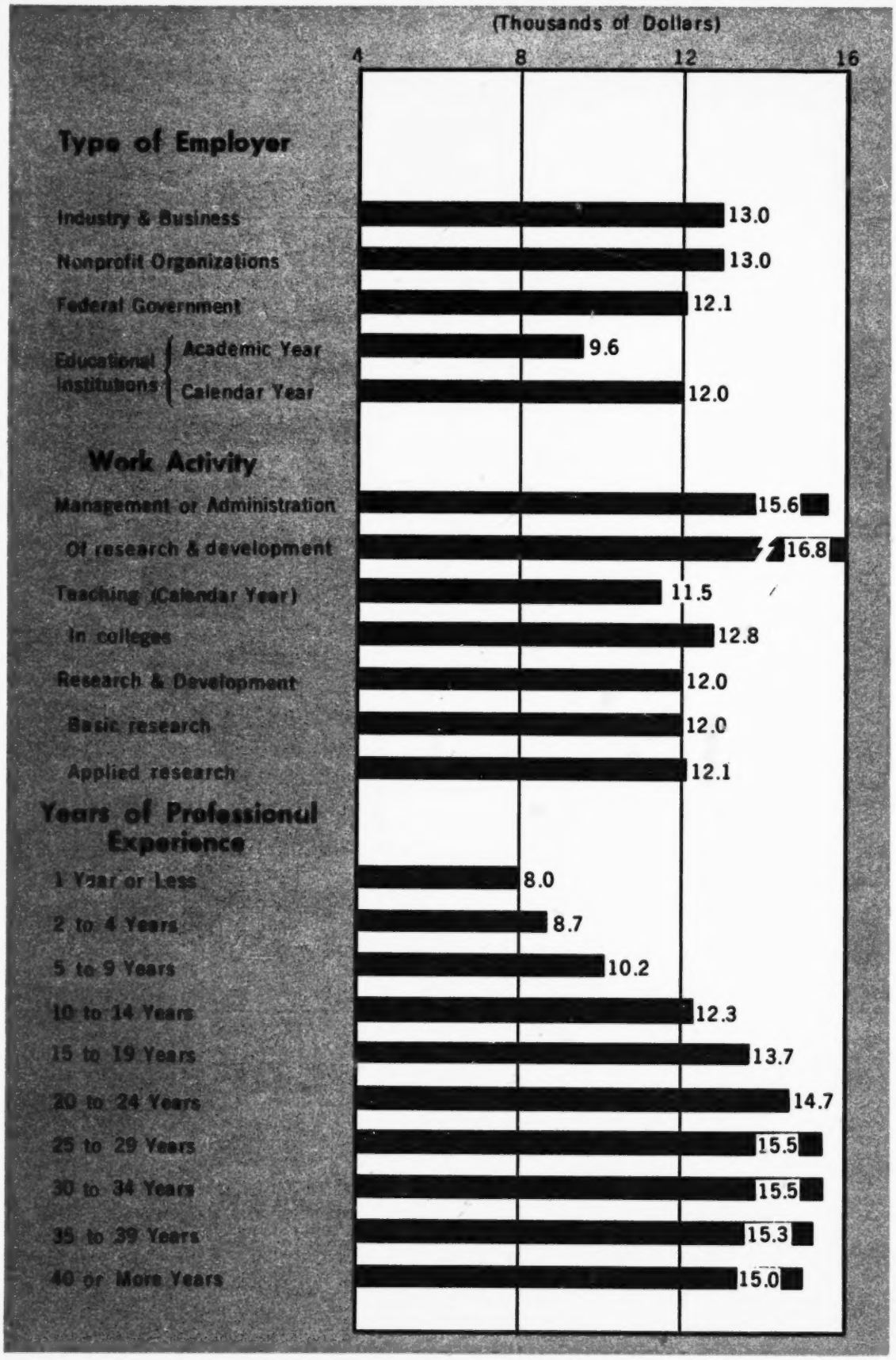
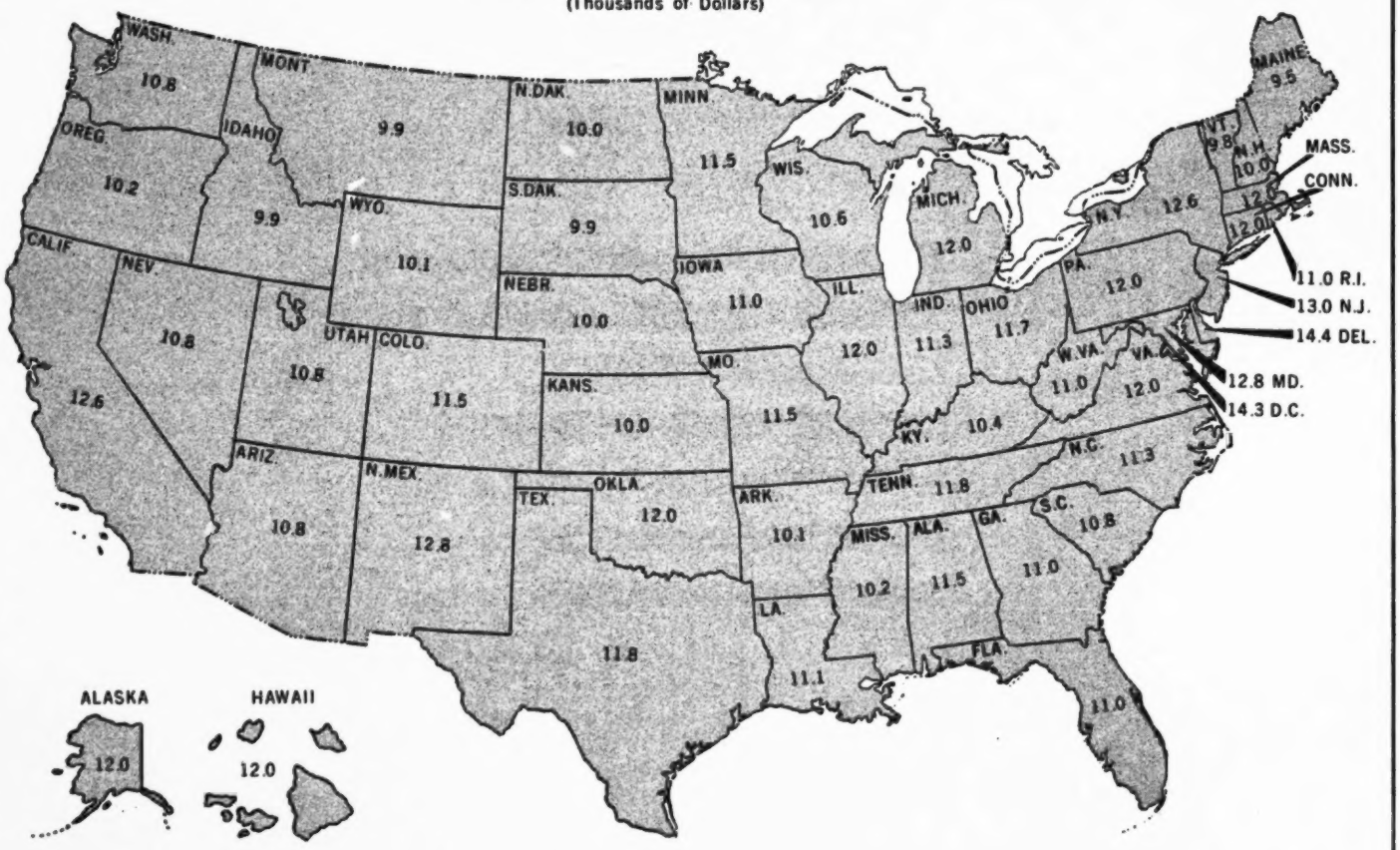


Source: National Register of Scientific and Technical Personnel, 1966

State Distribution

(Thousands of Dollars)



Source: National Register of Scientific and Technical Personnel, 1966

PART II. MAJOR CHARACTERISTICS

NOTES AND DEFINITIONS

- **Percent details may not add to totals shown, because of rounding.**
- **"Not employed" includes retired persons, housewives, students, etc. Of the 14,783 total not employed, 2,428 held doctorates, 5,747 held master's degrees, and 6,183 held bachelor's degrees. Of the 20,164 women, 3,013 were not employed.**
- **"Educational institutions" include universities, colleges, medical schools, and secondary school systems.**
- **"Other government" employers consist of State, local, regional, and international agencies.**
- **Educational levels reported are highest earned degree, if any; e.g., Ph.D., professional medical, master's, bachelor's, and "less than bachelor's" degree.**

DOCTORATE HOLDERS

FIELD	TOTAL REGISTRANTS	PH.D. DEGREE HOLDER		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	242,763	90,304	37	100
CHEMISTRY	65,917	23,915	36	26
EARTH SCIENCES	19,749	4,330	22	5
METEOROLOGY	6,283	668	11	1
PHYSICS	29,130	11,850	41	13
MATHEMATICS	22,806	5,485	24	6
AGRICULTURAL SCIENCES	10,038	2,310	23	2
BIOLOGICAL SCIENCES	29,633	15,218	51	17
PSYCHOLOGY	19,027	12,545	66	14
STATISTICS	3,042	919	30	1
ECONOMICS	13,150	5,593	42	6
SOCIOLOGY	3,640	2,757	76	3
ANTHROPOLOGY	919	830	90	1
LINGUISTICS	1,269	750	59	1
OTHER FIELDS	18,160	3,134	17	3

SCIENTIFIC FIELD

One-half (52 percent) of the doctorate scientists were in the physical and mathematical sciences, one-third were in the life siences, and 11 percent were in the social sciences.

EMPLOYMENT STATUS	PH.D. DEGREE HOLDER	
	NUMBER	PERCENT
ALL REGISTRANTS	90,304	100
FULL-TIME EMPLOYED	85,387	94
CIVILIAN	(84,644)	(94)
MILITARY	(743)	(1)
PART-TIME EMPLOYED	1,572	2
STUDENTS	1,182	1
PART-TIME EMPLOYED	(601)	(1)
NOT EMPLOYED	(581)	(1)
NOT EMPLOYED	1,847	2
NO REPORT	316	---

EMPLOYMENT STATUS

Almost all doctorate holders (94 percent) were in full-time civilian employment.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

TYPE OF EMPLOYER	TOTAL REGISTRANTS	PH.D. DEGREE HOLDER		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL REGISTRANTS	242,763	90,304	37	100
EDUCATIONAL INSTITUTIONS	87,315	49,792	57	55
FEDERAL GOVERNMENT	24,689	7,294	30	8
OTHER GOVERNMENT	8,268	2,193	26	2
MILITARY	5,891	751	13	1
NONPROFIT ORGANIZATIONS	9,813	4,498	46	5
INDUSTRY AND BUSINESS	83,990	20,830	25	23
SELF-EMPLOYED	4,914	1,489	30	2
OTHER	1,309	478	36	---
NO REPORT	1,791	551	31	1

TYPE OF EMPLOYER More than one-half (55 percent) of the doctorate holders were employed by educational institutions.

PRIMARY WORK ACTIVITY	PH.D. DEGREE HOLDER	
	NUMBER	PERCENT
ALL ACTIVITIES	90,304	100
RESEARCH AND DEVELOPMENT	35,606	39
BASIC RESEARCH	(22,956)	(25)
APPLIED RESEARCH	(11,313)	(12)
MANAGEMENT OR ADMINISTRATION	17,075	19
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(11,147)	(12)
TEACHING	25,520	28
PRODUCTION AND INSPECTION	790	1
OTHER	5,780	6
NO REPORT	3,105	3

PRIMARY WORK ACTIVITY One-half (51 percent) of the doctorate holders were engaged primarily in some phase of research and development, including R&D management or administration; 28 percent of the doctorate holders reported teaching as their primary work activity.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

YEARS OF PROFESSIONAL EXPERIENCE	PH.D. DEGREE HOLDER	
	NUMBER	PERCENT
ALL YEARS	90,304	100
1 OR LESS	3,232	4
2 TO 4 YEARS	11,280	12
5 TO 9 YEARS	17,342	19
10 TO 14 YEARS	16,805	19
15 TO 19 YEARS	13,449	15
20 TO 24 YEARS	7,967	9
25 TO 29 YEARS	6,496	7
30 TO 34 YEARS	4,786	5
35 TO 39 YEARS	3,053	3
40 OR MORE	2,952	3
NO REPORT	2,942	3

YEARS OF PROFESSIONAL EXPERIENCE

The proportion of new doctorate scientists (less than 5 years of professional experience) was 16 percent.

AGE	TOTAL REGISTRANTS	PH.D. DEGREE HOLDER		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL AGES	242,763	90,304	37	100
24 AND UNDER	9,259	83	1	---
25-29	38,767	7,732	20	8
30-34	40,466	15,417	38	17
35-39	41,912	18,097	43	20
40-44	36,831	15,732	43	17
45-49	28,545	12,178	43	13
50-54	19,540	8,201	42	9
55-59	12,538	5,505	44	6
60-64	7,763	3,771	48	4
65-69	3,952	1,987	50	2
70 AND OVER	2,709	1,454	54	2
NO REPORT	481	147	30	---

AGE

The percentage of scientists with the doctorate increased with age, from 26 percent of the group less than 35 years old to 54 percent of those age 70 and over.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

MASTER'S DEGREE HOLDERS

FIELD	TOTAL REGISTRANTS	MASTER'S DEGREE HOLDER		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	242,763	66,754	27	100
CHEMISTRY	65,917	12,415	19	18
EARTH SCIENCES	19,749	6,372	32	10
METEOROLOGY	6,283	1,404	22	2
PHYSICS	29,130	9,438	32	14
MATHEMATICS	22,806	9,920	43	15
AGRICULTURAL SCIENCES	10,038	2,597	26	4
BIOLOGICAL SCIENCES	29,633	5,084	17	8
PSYCHOLOGY	19,027	6,075	32	9
STATISTICS	3,042	1,256	41	2
ECONOMICS	13,150	4,658	35	7
SOCIOLOGY	3,640	780	21	1
ANTHROPOLOGY	919	53	6	---
LINGUISTICS	1,269	348	27	---
OTHER FIELDS	18,160	6,354	35	10

SCIENTIFIC FIELD

Three-fifths (61 percent) of the master's degree holders were in the physical and mathematical sciences, 21 percent were in the life sciences, and 8 percent were in the social sciences.

EMPLOYMENT STATUS	MASTER'S DEGREE HOLDER	
	NUMBER	PERCENT
ALL REGISTRANTS	66,754	100
FULL-TIME EMPLOYED	53,088	80
CIVILIAN	(51,550)	(77)
MILITARY	(1,538)	(2)
PART-TIME EMPLOYED	1,135	2
STUDENTS	10,744	16
PART-TIME EMPLOYED	(6,581)	(10)
NOT EMPLOYED	(4,163)	(6)
NOT EMPLOYED	1,584	2
NO REPORT	203	---

EMPLOYMENT STATUS

Three-fourths (77 percent) of the scientists holding a master's degree were in full-time civilian employment.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

TYPE OF EMPLOYER	TOTAL REGISTRANTS	MASTER'S DEGREE HOLDER		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL REGISTRANTS	242,763	66,754	27	100
EDUCATIONAL INSTITUTIONS	87,315	23,856	27	36
FEDERAL GOVERNMENT	24,689	6,402	26	10
OTHER GOVERNMENT	8,268	2,886	35	4
MILITARY	5,891	1,568	27	2
NONPROFIT ORGANIZATIONS	9,813	2,409	24	4
INDUSTRY AND BUSINESS	83,990	21,864	26	33
SELF-EMPLOYED	4,914	1,052	21	2
OTHER	1,309	373	28	---
NO REPORT	1,791	597	33	1

TYPE OF EMPLOYER One-third of the master's degree holders worked either for educational institutions (36 percent) or for industry and business (33 percent).

PRIMARY WORK ACTIVITY	MASTER'S DEGREE HOLDER	
	NUMBER	PERCENT
ALL ACTIVITIES	66,754	100
RESEARCH AND DEVELOPMENT	20,378	30
BASIC RESEARCH	(6,983)	(10)
APPLIED RESEARCH	(10,068)	(15)
MANAGEMENT OR ADMINISTRATION	12,225	18
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(5,703)	(8)
TEACHING	13,918	21
PRODUCTION AND INSPECTION	3,716	6
OTHER	8,318	12
NO REPORT	2,452	4

PRIMARY WORK ACTIVITY Of master's degree holders, 38 percent were engaged primarily in some phase of research or development, including R&D management or administration; 21 percent reported teaching as their primary work activity.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

YEARS OF PROFESSIONAL EXPERIENCE	MASTER'S DEGREE HOLDER	
	NUMBER	PERCENT
ALL YEARS	66,754	100
1 OR LESS	3,400	5
2 TO 4 YEARS	12,154	18
5 TO 9 YEARS	15,187	23
10 TO 14 YEARS	10,542	16
15 TO 19 YEARS	9,366	14
20 TO 24 YEARS	4,279	6
25 TO 29 YEARS	3,647	5
30 TO 34 YEARS	2,471	4
35 TO 39 YEARS	1,438	2
40 OR MORE	1,107	2
NO REPORT	3,163	5

YEARS OF PROFESSIONAL EXPERIENCE One-fourth (23 percent) of the master's degree holders reported less than 5 years of professional experience.

AGE	TOTAL REGISTRANTS	MASTER'S DEGREE HOLDER		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL AGES	242,763	66,754	27	100
24 AND UNDER	9,259	1,989	21	3
25-29	38,767	14,702	38	22
30-34	40,466	12,254	30	18
35-39	41,912	11,166	27	17
40-44	36,831	9,385	25	14
45-49	28,545	6,531	23	10
50-54	19,540	4,585	23	7
55-59	12,538	2,995	24	4
60-64	7,763	1,738	22	3
65-69	3,952	807	20	1
70 AND OVER	2,709	460	17	1
NO REPORT	481	142	30	---

AGE More than two-fifths (43 percent) of the scientists holding the master's degree were less than 35 years old.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

BACHELOR'S DEGREE HOLDERS

FIELD	TOTAL REGISTRANTS	BACHELOR'S DEGREE HOLDER		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	242,763	73,764	30	100
CHEMISTRY	65,917	27,616	42	37
EARTH SCIENCES	19,749	8,664	44	12
METEOROLOGY	6,283	2,796	47	4
PHYSICS	29,130	7,553	26	10
MATHEMATICS	22,806	6,525	29	9
AGRICULTURAL SCIENCES	10,038	4,969	50	7
BIOLOGICAL SCIENCES	29,633	3,119	10	4
PSYCHOLOGY	19,027	339	2	---
STATISTICS	3,042	761	25	1
ECONOMICS	13,150	2,660	20	4
SOCIOLOGY	3,640	81	2	---
ANTHROPOLOGY	919	26	3	---
LINGUISTICS	1,269	137	11	---
OTHER FIELDS	18,160	8,338	46	11

SCIENTIFIC FIELD Three-fourths (73 percent) of all bachelor's degree holders were in the physical and mathematical sciences, and 11 percent were in the life sciences.

EMPLOYMENT STATUS	BACHELOR'S DEGREE HOLDER	
	NUMBER	PERCENT
ALL REGISTRANTS	73,764	100
FULL-TIME EMPLOYED	61,396	83
CIVILIAN	(58,992)	(80)
MILITARY	(2,404)	(3)
PART-TIME EMPLOYED	706	1
STUDENTS	9,323	13
PART-TIME EMPLOYED	(5,286)	(7)
NOT EMPLOYED	(4,037)	(5)
NOT EMPLOYED	2,146	3
NO REPORT	193	---

EMPLOYMENT STATUS Of scientists holding the bachelor's degree, 80 percent were in full-time civilian employment.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

TYPE OF EMPLOYER	TOTAL REGISTRANTS	BACHELOR'S DEGREE HOLDER		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL REGISTRANTS	242,763	73,764	30	100
EDUCATIONAL INSTITUTIONS	87,315	9,723	11	13
FEDERAL GOVERNMENT	24,689	9,944	40	13
OTHER GOVERNMENT	8,268	2,842	34	4
MILITARY	5,891	2,428	41	3
NONPROFIT ORGANIZATIONS	9,813	1,651	17	2
INDUSTRY AND BUSINESS	83,990	38,373	46	52
SELF-EMPLOYED	4,914	1,775	36	2
OTHER	1,309	395	30	---
NO REPORT	1,791	450	25	1

TYPE OF EMPLOYER

Nearly one-half (46 percent) of the scientists employed by industry and business and 40 percent of those in Federal Government reported the bachelor's as highest degree.

PRIMARY WORK ACTIVITY	BACHELOR'S DEGREE HOLDER	
	NUMBER	PERCENT
ALL ACTIVITIES	73,764	100
RESEARCH AND DEVELOPMENT	20,640	28
BASIC RESEARCH	(6,276)	(8)
APPLIED RESEARCH	(7,976)	(11)
MANAGEMENT OR ADMINISTRATION	18,305	25
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(6,557)	(9)
TEACHING	4,092	6
PRODUCTION AND INSPECTION	11,224	15
OTHER	10,158	14
NO REPORT	3,162	4

PRIMARY WORK ACTIVITY

One-fourth of the bachelor's degree holders worked primarily in management or administration, 15 percent in production and inspection, and 11 percent in applied research.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

YEARS OF PROFESSIONAL EXPERIENCE	BACHELOR'S DEGREE HOLDER	
	NUMBER	PERCENT
ALL YEARS	73,764	100
1 OR LESS	6,140	8
2 TO 4 YEARS	12,640	17
5 TO 9 YEARS	13,975	19
10 TO 14 YEARS	9,691	13
15 TO 19 YEARS	10,699	14
20 TO 24 YEARS	5,646	8
25 TO 29 YEARS	4,809	6
30 TO 34 YEARS	3,048	4
35 TO 39 YEARS	1,584	2
40 OR MORE	1,322	2
NO REPORT	4,210	6

YEARS OF PROFESSIONAL EXPERIENCE One-fourth of the bachelor's degree holders reported less than 5 years of professional experience.

AGE	TOTAL REGISTRANTS	BACHELOR'S DEGREE HOLDER		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL AGES	242,763	73,764	30	100
24 AND UNDER	9,259	7,066	76	10
25-29	38,767	15,577	40	21
30-34	40,466	11,086	27	15
35-39	41,912	10,448	25	14
40-44	36,831	9,741	26	13
45-49	28,545	8,087	28	11
50-54	19,540	5,419	28	7
55-59	12,538	3,058	24	4
60-64	7,763	1,682	22	2
65-69	3,952	841	21	1
70 AND OVER	2,709	592	22	1
NO REPORT	481	167	35	---

AGE Nearly one-half (46 percent) of the bachelor's degree holders were less than 35 years old; 15 percent were 50 years of age or older.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

EMPLOYED IN EDUCATIONAL INSTITUTIONS

FIELD	TOTAL REGISTRANTS	REGISTRANTS IN EDUCATIONAL INSTITUTIONS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	242,763	87,315	36	100
CHEMISTRY	65,917	14,770	22	17
EARTH SCIENCES	19,749	4,686	24	5
METEOROLOGY	6,283	812	13	1
PHYSICS	29,130	13,135	45	15
MATHEMATICS	22,806	9,308	41	11
AGRICULTURAL SCIENCES	10,038	2,554	25	3
BIOLOGICAL SCIENCES	29,633	16,650	56	19
PSYCHOLOGY	19,027	9,791	51	11
STATISTICS	3,042	937	31	1
ECONOMICS	13,150	5,599	42	6
SOCIOLOGY	3,640	2,748	75	3
ANTHROPOLOGY	919	721	78	1
LINGUISTICS	1,269	889	70	1
OTHER FIELDS	18,160	4,715	26	5

SCIENTIFIC FIELD Three-fourths of the registrants in sociology and anthropology were employed in educational institutions; less than one-fourth of the registrants in chemistry, earth sciences, and meteorology were employed in educational institutions.

PRIMARY WORK ACTIVITY	REGISTRANTS IN EDUCATIONAL INSTITUTIONS	
	NUMBER	PERCENT
ALL ACTIVITIES	87,315	100
RESEARCH AND DEVELOPMENT	29,161	33
BASIC RESEARCH	(22,057)	(25)
APPLIED RESEARCH	(6,596)	(8)
MANAGEMENT OR ADMINISTRATION	7,431	8
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(3,104)	(4)
TEACHING	43,256	50
PRODUCTION AND INSPECTION	316	---
OTHER	3,624	4
NO REPORT	3,527	4

PRIMARY WORK ACTIVITY One-half of the registrants in educational institutions were primarily engaged in teaching; 37 percent were primarily in research and development, including R&D management or administration.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

YEARS OF PROFESSIONAL EXPERIENCE	REGISTRANTS IN EDUCATIONAL INSTITUTIONS	
	NUMBER	PERCENT
ALL YEARS	87,315	100
1 OR LESS	5,023	6
2 TO 4 YEARS	16,459	19
5 TO 9 YEARS	19,337	22
10 TO 14 YEARS	13,805	16
15 TO 19 YEARS	10,635	12
20 TO 24 YEARS	6,234	7
25 TO 29 YEARS	4,843	6
30 TO 34 YEARS	3,666	4
35 TO 39 YEARS	2,391	3
40 OR MORE	1,946	2
NO REPORT	2,976	3

YEARS OF PROFESSIONAL EXPERIENCE One-fourth of the scientists employed in educational institutions reported less than 5 years of professional experience; and an additional one-fourth (22 percent) reported 20 or more years of experience.

AGE	REGISTRANTS IN EDUCATIONAL INSTITUTIONS	
	NUMBER	PERCENT
ALL AGES	87,315	100
24 AND UNDER	3,566	4
25-29	15,085	17
30-34	15,589	18
35-39	14,910	17
40-44	12,379	14
45-49	9,367	11
50-54	6,525	7
55-59	4,573	5
60-64	3,198	4
65-69	1,477	2
70 AND OVER	485	---
NO REPORT	161	---

AGE Of the scientists employed in educational institutions, 21 percent were less than 30 years old, and 18 percent were 50 years of age or older.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

TEACHING IN UNIVERSITIES AND COLLEGES

ACADEMIC RANK	TOTAL REGISTRANTS	REGISTRANTS WITH			
		PH.D. DEGREE	PROFESSIONAL MEDICAL DEGREE	MASTER'S DEGREE	BACHELOR'S DEGREE
ALL RANKS	56,461	38,019	2,125	12,513	3,537
DEAN	139	109	8	14	6
PROFESSOR	14,829	13,085	760	788	117
ASSOCIATE PROFESSOR	12,150	9,959	569	1,457	112
ASSISTANT PROFESSOR	14,572	10,556	496	3,175	293
INSTRUCTOR	5,068	991	132	3,395	528
LECTURER	848	501	2	279	61
RESEARCH ASSOCIATE	219	145	11	46	14
RESEARCH ASSISTANT	3,902	147	7	1,914	1,814
OTHER	622	176	11	298	131
NO REPORT	4,112	2,350	129	1,147	461

HIGHEST DEGREE AND ACADEMIC RANK

One-fourth (26 percent) of these university and college teachers were full professors.

NOTE: These data are based on scientists reporting teaching as a primary or secondary work activity.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

EMPLOYED IN INDUSTRY AND BUSINESS

FIELD	TOTAL REGISTRANTS	REGISTRANTS IN INDUSTRY AND BUSINESS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	242,763	83,990	34	100
CHEMISTRY	65,917	37,033	56	44
EARTH SCIENCES	19,749	8,226	42	10
METEOROLOGY	6,283	662	10	1
PHYSICS	29,130	8,287	28	10
MATHEMATICS	22,806	8,901	39	10
AGRICULTURAL SCIENCES	10,038	1,524	15	2
BIOLOGICAL SCIENCES	29,633	3,185	11	4
PSYCHOLOGY	19,027	1,350	7	2
STATISTICS	3,042	1,012	33	1
ECONOMICS	13,150	4,073	31	5
SOCIOLOGY	3,640	86	2	---
ANTHROPOLOGY	919	2	---	---
LINGUISTICS	1,269	43	3	---
OTHER FIELDS	18,160	9,606	53	11

SCIENTIFIC FIELD More than one-half (56 percent) of the chemists were employed in industry and business; large concentrations of industrial employment were reported by those in earth sciences (42 percent), mathematics (39 percent), and statistics (33 percent).

PRIMARY WORK ACTIVITY	REGISTRANTS IN INDUSTRY AND BUSINESS	
	NUMBER	PERCENT
ALL ACTIVITIES	83,990	100
RESEARCH AND DEVELOPMENT	31,726	38
BASIC RESEARCH	(6,699)	(8)
APPLIED RESEARCH	(15,392)	(18)
MANAGEMENT OR ADMINISTRATION	25,679	30
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(14,103)	(17)
TEACHING	154	---
PRODUCTION AND INSPECTION	13,350	16
OTHER	10,265	12
NO REPORT	2,816	3

PRIMARY WORK ACTIVITY One-third (35 percent) of the registrants in industry and business were primarily engaged in applied research and in the management or administration of research and development, 8 percent in basic research, and 12 percent in development.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

YEARS OF PROFESSIONAL EXPERIENCE	REGISTRANTS IN INDUSTRY AND BUSINESS	
	NUMBER	PERCENT
ALL YEARS	83,990	100
1 OR LESS	2,642	3
2 TO 4 YEARS	9,517	11
5 TO 9 YEARS	16,379	20
10 TO 14 YEARS	15,083	18
15 TO 19 YEARS	15,009	18
20 TO 24 YEARS	7,775	9
25 TO 29 YEARS	6,839	8
30 TO 34 YEARS	4,145	5
35 TO 39 YEARS	2,030	2
40 OR MORE	1,019	1
NO REPORT	3,552	4

YEARS OF PROFESSIONAL EXPERIENCE Of scientists employed in industry and business, 14 percent reported less than 5 years of professional experience.

AGE	REGISTRANTS IN INDUSTRY AND BUSINESS	
	NUMBER	PERCENT
ALL AGES	83,990	100
24 AND UNDER	1,975	2
25-29	11,137	13
30-34	14,276	17
35-39	16,214	19
40-44	14,664	17
45-49	11,185	13
50-54	7,385	9
55-59	4,166	5
60-64	2,157	2
65-69	464	---
70 AND OVER	213	---
NO REPORT	154	---

AGE About as many of the scientists employed in industry and business were less than 30 years old (15 percent) as were 50 years of age or older (16 percent).

SOURCE: National Register of Scientific and Technical Personnel, 1966.

EMPLOYED IN THE FEDERAL GOVERNMENT

FIELD	TOTAL REGISTRANTS	REGISTRANTS IN THE FEDERAL GOVERNMENT		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	242,763	24,689	10	100
CHEMISTRY	65,917	3,983	6	16
EARTH SCIENCES	19,749	2,667	14	11
METEOROLOGY	6,283	1,837	29	7
PHYSICS	29,130	3,145	11	13
MATHEMATICS	22,806	1,413	6	6
AGRICULTURAL SCIENCES	10,038	3,690	37	15
BIOLOGICAL SCIENCES	29,633	3,300	11	13
PSYCHOLOGY	19,027	1,379	7	6
STATISTICS	3,042	614	20	2
ECONOMICS	13,150	1,348	10	5
SOCIOLOGY	3,640	163	4	1
ANTHROPOLOGY	919	41	4	---
LINGUISTICS	1,269	58	4	---
OTHER FIELDS	18,160	1,051	6	4

SCIENTIFIC FIELD About one-third of the registrants in agricultural sciences (37 percent) and meteorology (29 percent) were employed in the Federal Government.

PRIMARY WORK ACTIVITY	REGISTRANTS IN THE FEDERAL GOVERNMENT	
	NUMBER	PERCENT
ALL ACTIVITIES	24,689	100
RESEARCH AND DEVELOPMENT	10,787	44
BASIC RESEARCH	(5,208)	(21)
APPLIED RESEARCH	(4,870)	(20)
MANAGEMENT OR ADMINISTRATION	8,221	33
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(3,995)	(16)
TEACHING	202	1
PRODUCTION AND INSPECTION	1,319	5
OTHER	3,362	14
NO REPORT	798	3

PRIMARY WORK ACTIVITY Nearly two-thirds (60 percent) of the registrants in the Federal Government were primarily engaged in research and development, including R&D management or administration.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

YEARS OF PROFESSIONAL EXPERIENCE	REGISTRANTS IN THE FEDERAL GOVERNMENT	
	NUMBER	PERCENT
ALL YEARS	24,689	100
1 OR LESS	515	2
2 TO 4 YEARS	2,908	12
5 TO 9 YEARS	5,036	20
10 TO 14 YEARS	4,144	17
15 TO 19 YEARS	4,182	17
20 TO 24 YEARS	2,513	10
25 TO 29 YEARS	2,125	9
30 TO 34 YEARS	1,495	6
35 TO 39 YEARS	745	3
40 OR MORE	323	1
NO REPORT	703	3

YEARS OF PROFESSIONAL EXPERIENCE Of registrants employed in the Federal Government, 14 percent reported less than 5 years of professional experience.

AGE	REGISTRANTS IN THE FEDERAL GOVERNMENT	
	NUMBER	PERCENT
ALL AGES	24,689	100
24 AND UNDER	317	1
25-29	2,764	11
30-34	3,950	16
35-39	4,256	17
40-44	3,975	16
45-49	3,639	15
50-54	2,718	11
55-59	1,811	7
60-64	852	3
65-69	314	1
70 AND OVER	48	---
NO REPORT	45	---

AGE Of the scientists employed in the Federal Government, 12 percent were less than 30 years old, and 22 percent were 50 years of age or older.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

EMPLOYED IN NONPROFIT ORGANIZATIONS

FIELD	TOTAL REGISTRANTS	REGISTRANTS IN NONPROFIT ORGANIZATIONS		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	242,763	9,813	4	100
CHEMISTRY	65,917	1,884	3	19
EARTH SCIENCES	19,749	235	1	2
METEOROLOGY	6,283	197	3	2
PHYSICS	29,130	1,023	4	10
MATHEMATICS	22,806	1,074	5	11
AGRICULTURAL SCIENCES	10,038	106	1	1
BIOLOGICAL SCIENCES	29,633	2,185	7	22
PSYCHOLOGY	19,027	1,714	9	17
STATISTICS	3,042	149	5	2
ECONOMICS	13,150	460	3	5
SOCIOLOGY	3,640	211	6	2
ANTHROPOLOGY	919	33	4	---
LINGUISTICS	1,269	84	7	1
OTHER FIELDS	18,160	458	2	5

SCIENTIFIC FIELD One-fifth (22 percent) of the registrants employed in nonprofit organizations were in biological sciences.

PRIMARY WORK ACTIVITY	REGISTRANTS IN NONPROFIT ORGANIZATIONS	
	NUMBER	PERCENT
ALL ACTIVITIES	9,813	100
RESEARCH AND DEVELOPMENT	4,836	49
BASIC RESEARCH	(2,565)	(26)
APPLIED RESEARCH	(1,982)	(20)
MANAGEMENT OR ADMINISTRATION	2,345	24
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(1,274)	(13)
TEACHING	132	1
PRODUCTION AND INSPECTION	307	3
OTHER	1,801	18
NO REPORT	392	4

PRIMARY WORK ACTIVITY One-half (49 percent) of the registrants in nonprofit organizations were primarily engaged in research and development.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

YEARS OF PROFESSIONAL EXPERIENCE	REGISTRANTS IN NONPROFIT ORGANIZATIONS	
	NUMBER	PERCENT
ALL YEARS	9,813	100
1 OR LESS	318	3
2 TO 4 YEARS	1,265	13
5 TO 9 YEARS	2,125	22
10 TO 14 YEARS	1,920	20
15 TO 19 YEARS	1,601	16
20 TO 24 YEARS	853	9
25 TO 29 YEARS	587	6
30 TO 34 YEARS	400	4
35 TO 39 YEARS	222	2
40 OR MORE	215	2
NO REPORT	307	3

YEARS OF PROFESSIONAL EXPERIENCE Of registrants employed in nonprofit organizations, 16 percent reported less than 5 years of professional experience.

AGE	REGISTRANTS IN NONPROFIT ORGANIZATIONS	
	NUMBER	PERCENT
ALL AGES	9,813	100
24 AND UNDER	121	1
25-29	1,133	12
30-34	1,731	18
35-39	2,014	20
40-44	1,843	19
45-49	1,227	12
50-54	733	7
55-59	484	5
60-64	282	3
65-69	130	1
70 AND OVER	95	1
NO REPORT	20	---

AGE Of the registrants employed in nonprofit organizations, 13 percent were less than 30 years old, and 17 percent were 50 years of age or older.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

SALARIES

(Full-Time Employed Civilians)

FIELD	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS		
	PH.D. DEGREE	MASTER'S AS HIGHEST DEGREE	BACHELOR'S AS HIGHEST DEGREE
ALL FIELDS	$13,200	$10,700	$11,000
CHEMISTRY	14,000	11,600	10,500
EARTH SCIENCES	12,000	10,500	11,600
METEOROLOGY	15,000	12,400	11,400
PHYSICS	14,400	11,000	10,600
MATHEMATICS	13,000	10,900	12,300
AGRICULTURAL SCIENCES	12,800	9,900	9,100
BIOLOGICAL SCIENCES	12,500	9,000	9,000
PSYCHOLOGY	12,100	9,800	11,000
STATISTICS	13,800	12,200	12,300
ECONOMICS	13,500	12,000	14,700
SOCIOLOGY	11,800	9,600	11,700
ANTHROPOLOGY	11,600	8,700	------
LINGUISTICS	11,000	8,200	6,800

SCIENTIFIC FIELD Highest median annual salaries were reported by doctorates ($15,000) and master's degree holders ($12,400) in meteorology and by bachelor's degree holders in economics ($14,700).

TYPE OF EMPLOYER	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS
ALL EMPLOYERS	$12,000
EDUCATIONAL INSTITUTIONS	
ACADEMIC YEAR BASE	9,600
CALENDAR YEAR BASE	12,000
FEDERAL GOVERNMENT	12,100
OTHER GOVERNMENT	9,900
NONPROFIT ORGANIZATIONS	13,000
INDUSTRY AND BUSINESS	13,000
SELF-EMPLOYED	17,000

TYPE OF EMPLOYER The highest median salary of $17,000 was reported by self-employed scientists.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

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PRIMARY WORK ACTIVITY	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS
ALL ACTIVITIES	$12,000
RESEARCH AND DEVELOPMENT	12,000
BASIC RESEARCH	(12,000)
APPLIED RESEARCH	(12,100)
MANAGEMENT OR ADMINISTRATION	15,600
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(16,800)
TEACHING	
ACADEMIC YEAR BASE	9,300
CALENDAR YEAR BASE	11,500
PRODUCTION AND INSPECTION	10,500

PRIMARY WORK ACTIVITY The highest median salary, $16,800, was reported for scientists managing or administering research and development.

YEARS OF PROFESSIONAL EXPERIENCE	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS
ALL YEARS	$12,000
1 OR LESS	8,000
2 TO 4 YEARS	8,700
5 TO 9 YEARS	10,200
10 TO 14 YEARS	12,300
15 TO 19 YEARS	13,700
20 TO 24 YEARS	14,700
25 TO 29 YEARS	15,500
30 TO 34 YEARS	15,500
35 TO 39 YEARS	15,300
40 OR MORE	15,000

YEARS OF PROFESSIONAL EXPERIENCE Median salaries increased with number of years of professional experience up to 25-29 years; the overall median salary of $12,000 was reached between 10 and 14 years of experience.

AGE	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS
ALL AGES	$12,000
24 AND UNDER	7,500
25-29	8,600
30-34	10,200
35-39	12,000
40-44	13,400
45-49	14,300
50-54	14,800
55-59	14,700
60-64	15,000
65-69	14,300
70 AND OVER	12,000
NO REPORT	10,500

AGE Median salaries increased generally up to ages 60-64; the overall median salary of $12,000 was reached between ages 35 and 39.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

GEOGRAPHIC LOCATION

GEOGRAPHIC LOCATIONS	TOTAL REGISTRANTS	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS
ALL LOCATIONS	242,763	$12,000
SELECTED STATES	149,662	-
CALIFORNIA	27,641	12,600
NEW YORK	26,642	12,600
PENNSYLVANIA	13,860	12,000
ILLINOIS	12,695	12,000
NEW JERSEY	12,200	13,000
TEXAS	11,383	11,800
OHIO	10,850	11,700
MASSACHUSETTS	10,374	12,000
MICHIGAN	8,608	12,000
MARYLAND	7,784	12,800
DISTRICT OF COLUMBIA	7,625	14,300

SELECTED STATES

Three-fifths (59 percent) of the scientists were located in 10 States. Scientists in Texas and Ohio reported median salaries below the $12,000 overall median.

STANDARD METROPOLITAN STATISTICAL AREAS	TOTAL REGISTRANTS	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS
ALL LOCATIONS	242,763	$12,000
SELECTED METROPOLITAN AREAS	105,963	-
NEW YORK, N.Y.	15,994	13,000
WASHINGTON, D.C.-MD.-VA.	13,330	13,900
LOS ANGELES-LONG BEACH, CALIF.	9,468	13,300
CHICAGO, ILL.	8,498	12,000
BOSTON, MASS.	7,852	12,500
PHILADELPHIA, PA.-N.J.	7,009	12,200
SAN FRANCISCO-OAKLAND, CALIF.	6,686	13,000
NEWARK, N.J.	4,659	13,200
HOUSTON, TEX.	3,236	12,500
MINNEAPOLIS-ST. PAUL, MINN.	3,173	12,000
PITTSBURGH, PA.	3,129	12,500
DENVER, COLO.	2,931	12,000
SAN JOSE, CALIF.	2,876	13,300
CLEVELAND, OHIO	2,804	12,000
WILMINGTON, DEL.-N.J.-MD.	2,716	14,400
ST. LOUIS, MO.-ILL.	2,684	12,300
DETROIT, MICH.	2,591	11,800
SEATTLE-EVERETT, WASH.	2,137	11,500
ROCHESTER, N.Y.	2,101	13,000
BALTIMORE, MD.	2,089	12,000

SELECTED STANDARD METROPOLITAN STATISTICAL AREAS

Nearly one-half (44 percent) of the scientists were located in 20 metropolitan areas. Scientists in Detroit, Mich., and Seattle-Everett, Wash., reported median salaries below the $12,000 overall median.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

FOREIGN-LANGUAGE KNOWLEDGE

FIELD	TOTAL REGISTRANTS	REGISTRANTS REPORTING A FOREIGN LANGUAGE		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	242,763	196,757	81	100
CHEMISTRY	65,917	56,249	85	28
EARTH SCIENCES	19,749	15,424	78	8
METEOROLOGY	6,283	4,391	70	2
PHYSICS	29,130	25,847	89	13
MATHEMATICS	22,806	18,226	80	9
AGRICULTURAL SCIENCES	10,038	5,247	52	3
BIOLOGICAL SCIENCES	29,633	25,773	87	13
PSYCHOLOGY	19,027	15,108	79	8
STATISTICS	3,042	2,340	77	1
ECONOMICS	13,150	10,084	77	5
SOCIOLOGY	3,640	3,141	86	2
ANTHROPOLOGY	919	898	98	---
LINGUISTICS	1,269	1,238	98	1
OTHER FIELDS	18,160	12,791	70	6

SCIENTIFIC FIELD

Over 75 percent of the registrants (except those in agricultural sciences and meteorology) reported some knowledge of a foreign language.

SELECTED LANGUAGES	REGISTRANTS REPORTING KNOWLEDGE OF A FOREIGN LANGUAGE
GERMAN	134,427
FRENCH	116,738
SPANISH	38,744
RUSSIAN	9,539
ITALIAN	5,143
JAPANESE	2,743
CHINESE (MANDARIN OR PEKING)	2,184
POLISH	1,760
HEBREW	1,503
MODERN GREEK	1,320
PORTUGUESE	1,260
DUTCH	1,215
SWEDISH	1,171
HUNGARIAN	1,034
OTHER LANGUAGES	11,206

SELECTED FOREIGN LANGUAGES

More than one-half (55 percent) of the registrants reported German as a first or second foreign language.

NOTE: These data are based on a maximum of two foreign languages reported by 196,757 of the 242,763 total registrants.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

FOREIGN-AREA KNOWLEDGE

FIELD	TOTAL REGISTRANTS	REGISTRANTS WITH FOREIGN-AREA KNOWLEDGE	
		NUMBER	PERCENT OF TOTAL
ALL FIELDS	242,763	95,998	40
CHEMISTRY	65,917	21,519	33
EARTH SCIENCES	19,749	10,325	52
METEOROLOGY	6,283	3,726	59
PHYSICS	29,130	10,791	37
MATHEMATICS	22,806	6,640	29
AGRICULTURAL SCIENCES	10,038	3,778	38
BIOLOGICAL SCIENCES	29,633	14,177	48
PSYCHOLOGY	19,027	7,495	39
STATISTICS	3,042	966	32
ECONOMICS	13,150	6,640	50
SOCIOLOGY	3,640	1,980	54
ANTHROPOLOGY	919	821	89
LINGUISTICS	1,269	982	77
OTHER FIELDS	18,160	6,158	34

SCIENTIFIC FIELD

Most of the scientists in anthropology (89 percent) and linguistics (77 percent) reported foreign-area knowledge.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

RECEIVING FEDERAL SUPPORT

FIELD	TOTAL REGISTRANTS	REGISTRANTS RECEIVING FEDERAL SUPPORT		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	242,763	104,863	43	100
CHEMISTRY	65,917	19,637	30	19
EARTH SCIENCES	19,749	5,870	30	6
METEOROLOGY	6,283	5,378	86	5
PHYSICS	29,130	17,496	60	17
MATHEMATICS	22,806	9,862	43	9
AGRICULTURAL SCIENCES	10,038	7,044	70	7
BIOLOGICAL SCIENCES	29,633	17,767	60	17
PSYCHOLOGY	19,027	8,149	43	8
STATISTICS	3,042	1,610	53	2
ECONOMICS	13,150	3,981	30	4
SOCIOLOGY	3,640	1,363	37	1
ANTHROPOLOGY	919	366	40	...
LINGUISTICS	1,269	396	31	...
OTHER FIELDS	18,160	5,944	33	6

SCIENTIFIC FIELD

At least some of the work of most of the scientists in meteorology (86 percent) and agricultural sciences (70 percent) was supported by Federal funds.

GOVERNMENT PROGRAM	REGISTRANTS RECEIVING FEDERAL SUPPORT			
	TOTAL	PH.D. DEGREE	MASTER'S AS HIGHEST DEGREE	BACHELOR'S AS HIGHEST DEGREE
ALL PROGRAMS	104,863	45,192	25,439	27,240
AGRICULTURE	11,468	5,970	2,507	2,742
ATOMIC ENERGY	11,250	5,526	2,593	2,881
DEFENSE	28,922	9,291	8,224	9,988
EDUCATION	13,273	6,836	4,154	1,790
HEALTH	24,487	14,501	2,886	2,772
INTERNATIONAL	2,511	1,294	552	532
NATURAL RESOURCES	9,079	2,464	2,405	4,033
PUBLIC WORKS	1,819	345	470	916
SPACE	13,905	5,033	3,856	4,553
OTHER	14,391	6,307	3,492	3,864

GOVERNMENT PROGRAM AND HIGHEST DEGREE

Federal support was reported most frequently in defense and health programs. Of all registrants doing federally supported work, 43 percent were doctorate scientists.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

TYPE OF EMPLOYER	TOTAL REGISTRANTS	REGISTRANTS RECEIVING FEDERAL SUPPORT		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL REGISTRANTS	242,763	104,863	43	100
EDUCATIONAL INSTITUTIONS	87,315	44,089	50	42
FEDERAL GOVERNMENT	24,689	24,689	100	24
OTHER GOVERNMENT	8,268	4,240	51	4
MILITARY	5,891	5,891	100	6
NONPROFIT ORGANIZATIONS	9,813	6,186	63	6
INDUSTRY AND BUSINESS	83,990	17,915	21	17
SELF-EMPLOYED	4,914	690	14	1
OTHER	1,309	541	41	...
NO REPORT	1,791	622	35	...

TYPE OF EMPLOYER

One-half of the scientists employed by educational institutions and 21 percent of those employed in industry and business reported doing federally supported work.

NOTE: Scientists employed by the Federal Government and the military services receive their salaries directly from the U.S. Treasury. Scientists employed by other types of employers are supported or sponsored in whole or in part by Federal funds through contracts or grants.

SOURCE: National Register of Scientific and Technical Personnel, 1965.

WOMEN

FIELD	TOTAL REGISTRANTS	WOMEN		
		NUMBER	PERCENT OF TOTAL	PERCENT
ALL FIELDS	242,763	20,164	8	100
CHEMISTRY	65,917	4,995	8	25
EARTH SCIENCES	19,749	654	3	3
METEOROLOGY	6,283	129	2	1
PHYSICS	29,130	981	3	5
MATHEMATICS	22,806	2,395	10	12
AGRICULTURAL SCIENCES	10,038	50	---	---
BIOLOGICAL SCIENCES	29,633	3,347	11	16
PSYCHOLOGY	19,027	4,233	22	21
STATISTICS	3,042	307	10	2
ECONOMICS	13,150	571	4	3
SOCIOLOGY	3,640	581	16	3
ANTHROPOLOGY	919	171	19	1
LINGUISTICS	1,269	267	21	1
OTHER FIELDS	18,160	1,483	8	7

SCIENTIFIC FIELD Most of the women scientists were concentrated in four fields: chemistry (25 percent), psychology (21 percent), biological sciences (16 percent), and mathematics (12 percent).

FIELD	WOMEN			
	TOTAL	PH.D. DEGREE	MASTER'S AS HIGHEST DEGREE	BACHELOR'S AS HIGHEST DEGREE
ALL FIELDS	20,164	6,595	7,677	5,305
CHEMISTRY	4,995	1,175	1,261	2,458
EARTH SCIENCES	654	139	292	217
METEOROLOGY	129	13	42	56
PHYSICS	981	244	412	319
MATHEMATICS	2,395	332	1,270	730
AGRICULTURAL SCIENCES	50	8	21	14
BIOLOGICAL SCIENCES	3,347	1,442	929	648
PSYCHOLOGY	4,233	2,161	1,995	66
STATISTICS	307	64	144	82
ECONOMICS	571	218	258	84
SOCIOLOGY	581	343	226	12
ANTHROPOLOGY	171	149	13	7
LINGUISTICS	267	119	102	43
OTHER FIELDS	1,483	188	712	569

HIGHEST DEGREE Three-fourths of the women doctorates were in psychology (33 percent), biological sciences (22 percent), and chemistry (18 percent).

SOURCE: National Register of Scientific and Technical Personnel, 1966.

TYPE OF EMPLOYER	WOMEN	
	NUMBER	PERCENT
ALL REGISTRANTS	20,164	100
EDUCATIONAL INSTITUTIONS	9,656	48
FEDERAL GOVERNMENT	1,576	8
OTHER GOVERNMENT	1,002	5
MILITARY	66	---
NONPROFIT ORGANIZATIONS	1,311	6
INDUSTRY AND BUSINESS	2,661	13
SELF-EMPLOYED	443	2
OTHER	196	1
NO REPORT	240	1

TYPE OF EMPLOYER One-half (48 percent) of the women scientists were employed by educational institutions.

PRIMARY WORK ACTIVITY	WOMEN	
	NUMBER	PERCENT
ALL ACTIVITIES	20,164	100
RESEARCH AND DEVELOPMENT	6,047	30
BASIC RESEARCH	(3,284)	(16)
APPLIED RESEARCH	(2,355)	(12)
MANAGEMENT OR ADMINISTRATION	1,356	7
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	(551)	(3)
TEACHING	5,278	26
PRODUCTION AND INSPECTION	756	4
OTHER	2,745	14
NO REPORT	969	5

PRIMARY WORK ACTIVITY One-third of the women scientists were primarily engaged in research and development, including R&D management or administration (3 percent); one-fourth of the women (26 percent) were in teaching.

SOURCE: National Register of Scientific and Technical Personnel, 1966.

YEARS OF PROFESSIONAL EXPERIENCE	WOMEN	
	NUMBER	PERCENT
ALL YEARS	20,164	100
1 OR LESS	1,313	6
2 TO 4 YEARS	3,876	19
5 TO 9 YEARS	4,146	20
10 TO 14 YEARS	2,801	14
15 TO 19 YEARS	2,109	10
20 TO 24 YEARS	1,792	9
25 TO 29 YEARS	1,086	5
30 TO 34 YEARS	840	4
35 TO 39 YEARS	575	3
40 OR MORE	553	3
NO REPORT	1,073	5

YEARS OF PROFESSIONAL EXPERIENCE

One-fourth of the women scientists reported less than 5 years of professional experience.

FIELD	MEDIAN ANNUAL SALARY OF FULL-TIME EMPLOYED CIVILIAN WOMEN SCIENTISTS
ALL FIELDS	$ 9,000
CHEMISTRY	8,100
EARTH SCIENCES	9,000
METEOROLOGY	9,600
PHYSICS	9,000
MATHEMATICS	9,100
AGRICULTURAL SCIENCES	8,500
BIOLOGICAL SCIENCES	9,200
PSYCHOLOGY	10,000
STATISTICS	10,500
ECONOMICS	10,300
SOCIOLOGY	9,600
ANTHROPOLOGY	9,600
LINGUISTICS	8,600

SALARIES OF FULL-TIME EMPLOYED WOMEN SCIENTISTS

The highest median annual salaries of women scientists were in the fields of statistics ($10,500) and economics ($10,300).

SOURCE: National Register of Scientific and Technical Personnel, 1966.

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APPENDICES

APPENDIX A

NOTES AND DEFINITIONS

• The classifications by fields of science reported in these tables are based on the individual scientist's report of his area of greatest competence in one of the 13 fields: Chemistry, earth sciences, meteorology, physics, mathematics, agricultural sciences, biological sciences, psychology, statistics, economics, sociology, anthropology, and linguistics.

• Several tables include data on some 120 separate subfields of science in subdivisions of the 13 fields of science (see appendix D). Subfields are the most detailed levels included in this report. These subfields may be combined to constitute various fields of science.

• Data on teachers in universities and colleges include the scientists who reported teaching as either their most important or second most important work activity.

• Educational levels reported are highest earned degree, if any; e.g., Ph.D., professional medical, master's, bachelor's, and "less than bachelor's degree."

• Employment characteristics are type of employer (industry, educational institutions, Federal Government, etc.), work activity (research, teaching, management, etc.), years of professional experience in 5-year intervals, and employment status (full-time, part-time, etc.).

• Among employment characteristics, "educational institutions" include universities, colleges, medical schools, and secondary school systems. "Other government" employers consist of State, local, regional, and international agencies. And "not employed" includes retired persons, housewives, students, etc.

• Foreign language tables include the number of scientists reporting knowledge in 1 or more of 10 language families and 99 individual languages and their proficiencies in lecturing, conversing, or translating.

• The foreign area table provides the number of scientists reporting knowledge of 1 or more of 100 foreign areas gained by residence, research, or travel.

APPENDIX A

Detailed Statistical Tables

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Appendix Table A–1. 1966 characteristics of scientists in the United States

CHARACTERISTICS	NUMBER	PERCENT
REGISTERED SCIENTISTS	242,763	100
MEN	222,599	92
WOMEN	20,164	8
FIELD OF SCIENCE		
CHEMISTRY	65,917	27
EARTH SCIENCES	19,749	8
METEOROLOGY	6,283	2
PHYSICS	29,130	12
MATHEMATICS	22,806	9
AGRICULTURAL SCIENCES	10,038	4
BIOLOGICAL SCIENCES	29,633	12
PSYCHOLOGY	19,027	8
STATISTICS	3,042	1
ECONOMICS	13,150	5
SOCIOLOGY	3,640	1
ANTHROPOLOGY	919	---
LINGUISTICS	1,269	---
OTHER FIELDS	18,160	7
HIGHEST DEGREE		
PH.D.	90,304	37
PROFESSIONAL MEDICAL	6,436	3
MASTER'S	66,754	27
BACHELOR'S	73,764	30
LESS THAN BACHELOR'S	2,435	1
NO REPORT	3,070	1
AGE (MEDIAN AGE 38)		
24 OR UNDER	9,259	4
25-29	38,767	16
30-34	40,466	17
35-39	41,912	17
40-44	36,831	15
45-49	28,545	12
50-54	19,540	8
55-59	12,538	5
60-64	7,763	3
65-69	3,952	2
70 OR OVER	2,709	1
NO REPORT	481	---
EMPLOYMENT STATUS		
FULL-TIME EMPLOYED	210,821	87
CIVILIAN	204,999	84
MILITARY	5,822	2
PART-TIME EMPLOYED	3,743	2
STUDENTS	21,567	9
PART-TIME EMPLOYED	12,614	5
NOT EMPLOYED	8,953	4
NOT EMPLOYED	5,830	2
NO REPORT	802	---

CHARACTERISTICS	NUMBER	PERCENT
TYPE OF EMPLOYER		
EDUCATIONAL INSTITUTIONS	87,315	36
FEDERAL GOVERNMENT	24,689	10
OTHER GOVERNMENT	8,268	3
MILITARY	5,891	2
NONPROFIT ORGANIZATIONS	9,813	4
INDUSTRY AND BUSINESS	83,990	34
SELF-EMPLOYED	4,914	2
OTHER	1,309	---
NOT EMPLOYED	14,783	6
NO REPORT	1,791	1
PRIMARY WORK ACTIVITY		
RESEARCH AND DEVELOPMENT	80,821	33
BASIC RESEARCH	38,293	16
APPLIED RESEARCH	31,077	13
MANAGEMENT OR ADMINISTRATION	49,921	20
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	24,448	10
TEACHING	44,626	18
PRODUCTION AND INSPECTION	16,419	7
OTHER	26,702	11
NOT EMPLOYED	14,783	6
NO REPORT	9,491	4
YEARS OF PROFESSIONAL EXPERIENCE		
1 OR LESS	12,967	5
2-4	36,907	15
5-9	48,430	20
10-14	39,083	16
15-19	35,419	14
20-24	19,488	8
25-29	16,036	7
30-34	11,077	4
35-39	6,569	3
40 OR MORE	5,851	2
NO REPORT	10,936	4
SALARY DISTRIBUTION OF FULL-TIME EMPLOYED CIVILIAN SCIENTISTS –		
LOWER DECILE	$ 7,700	
LOWER QUARTILE	9,300	
MEDIAN	12,000	
UPPER QUARTILE	15,200	
UPPER DECILE	19,700	

NOTE – PERCENTS MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.
SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–2. Salary distribution of full-time employed civilian scientists, by field, 1966

SCIENTIFIC AND TECHNICAL FIELD	LOWER DECILE	LOWER QUARTILE	MEDIAN	UPPER QUARTILE	UPPER DECILE
ALL FIELDS	7,700	9,300	12,000	15,200	19,700
CHEMISTRY	7,800	9,400	12,000	15,100	19,000
EARTH SCIENCES	7,800	9,300	11,400	14,300	18,000
METEOROLOGY	8,200	9,800	11,700	14,300	18,000
PHYSICS	7,800	9,500	12,500	16,200	20,000
MATHEMATICS	7,500	9,300	12,000	15,600	20,000
AGRICULTURAL SCIENCES	6,900	8,200	10,000	12,500	15,500
BIOLOGICAL SCIENCES	7,400	9,400	12,000	16,000	21,000
PSYCHOLOGY	8,000	9,300	11,500	14,200	18,000
STATISTICS	8,700	10,200	12,800	16,000	19,000
ECONOMICS	8,300	10,100	13,100	17,600	23,000
SOCIOLOGY	8,000	9,200	11,300	14,500	18,000
ANTHROPOLOGY	8,100	9,200	11,500	15,000	18,000
LINGUISTICS	6,500	8,200	10,000	13,000	16,500
OTHER FIELDS	7,500	9,100	12,000	15,600	20,000

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–3. Number of scientists, by field and major subject of highest degree, 1966

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	MAJOR SUBJECT											
		CHEMISTRY	AGRICULTURE AND FOOD CHEMISTRY	BIOCHEMISTRY	PHYSICAL CHEMISTRY	GEOLOGY	GEOGRAPHY	GEOPHYSICS	OCEANOGRAPHY	METEOROLOGY	PHYSICS	ASTRONOMY	MATHEMATICS
ALL FIELDS	242,763	51,222	680	4,914	4,420	14,437	2,229	648	281	2,520	26,505	727	19,638
CHEMISTRY	65,917	44,314	527	4,014	3,524	96	3	------	2	15	399	2	127
EARTH SCIENCES	19,749	261	2	8	11	13,554	1,869	536	242	86	425	6	223
METEOROLOGY	6,283	245	11	4	11	49	121	49	13	2,272	710	25	545
PHYSICS	29,130	1,394	------	11	554	64	1	24	4	27	22,249	655	812
MATHEMATICS	22,806	298	2	6	23	56	11	13	1	63	1,218	28	15,375
AGRICULTURAL SCIENCES	10,038	46	26	5	3	50	6	1	1	------	8	------	2
BIOLOGICAL SCIENCES	29,633	812	81	767	39	45	3	1	15	2	262	------	40
PSYCHOLOGY	19,027	48	------	2	------	2	1	------	------	3	22	1	47
STATISTICS	3,042	97	------	4	2	8	3	2	------	4	39	2	733
ECONOMICS	13,150	1,002	6	27	61	26	41	------	------	5	39	------	277
SOCIOLOGY	3,640	4	------	------	------	------	11	------	------	1	4	------	28
ANTHROPOLOGY	919	1	------	------	------	------	3	------	------	------	------	------	------
LINGUISTICS	1,269	5	------	------	------	1	1	------	------	------	6	------	20
OTHER FIELDS	18,160	2,695	25	66	192	486	155	22	3	42	1,124	8	1,409

SCIENTIFIC AND TECHNICAL FIELD	MAJOR SUBJECT												NO REPORT OF MAJOR SUBJECT
	AGRICULTURE	FORESTRY	BIOLOGY	BIOPHYSICS	PSYCHOLOGY	SOCIAL PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	ANTHROPOLOGY	LINGUISTICS	ENGINEERING	OTHER	
ALL FIELDS	5,400	4,920	29,474	320	17,837	349	1,816	12,295	3,555	971	744	23,389	7,414	6,058
CHEMISTRY	197	14	2,536	46	25	------	14	385	6	1	4	7,579	655	1,432
EARTH SCIENCES	70	29	254	------	4	------	2	56	3	7	------	1,357	313	431
METEOROLOGY	29	16	51	------	21	------	6	103	2	------	2	351	420	1,227
PHYSICS	10	3	103	40	45	------	11	40	4	1	5	2,149	683	241
MATHEMATICS	25	18	106	4	168	------	562	894	40	6	36	1,926	998	929
AGRICULTURAL SCIENCES	3,902	4,512	1,073	1	3	------	3	63	4	1	------	39	102	187
BIOLOGICAL SCIENCES	1,066	221	24,492	225	193	1	9	36	13	16	4	121	528	641
PSYCHOLOGY	4	3	160	2	16,820	282	24	72	388	15	5	26	1,037	63
STATISTICS	25	8	50	1	245	6	998	391	33	2	6	144	128	111
ECONOMICS	34	54	45	------	27	2	111	9,603	36	------	4	998	444	308
SOCIOLOGY	1	------	16	------	90	51	11	76	2,966	59	2	7	271	42
ANTHROPOLOGY	------	------	8	------	4	------	------	3	21	829	9	1	23	17
LINGUISTICS	------	------	2	------	54	5	1	2	8	27	636	2	456	43
OTHER FIELDS	37	42	578	1	138	2	64	571	31	7	31	8,685	1,356	386

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–4. Number of scientists, by field and field of employment, 1966

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	FIELD OF EMPLOYMENT						
		CHEMISTRY	EARTH SCIENCES	METEOROLOGY	PHYSICS	MATHEMATICS	AGRICULTURAL SCIENCES	BIOLOGICAL SCIENCES
ALL FIELDS	242,763	48,240	15,444	5,570	23,523	19,504	8,837	24,668
CHEMISTRY	65,917	44,807	185	36	795	130	59	1,136
EARTH SCIENCES	19,749	98	14,648	50	107	96	83	81
METEOROLOGY	6,283	12	104	5,062	117	89	1	9
PHYSICS	29,130	385	114	221	21,628	416	5	104
MATHEMATICS	22,806	28	40	31	226	17,254	5	24
AGRICULTURAL SCIENCES	10,038	79	62	11	9	16	7,968	397
BIOLOGICAL SCIENCES	29,633	702	86	16	75	48	664	22,643
PSYCHOLOGY	19,027	5	———	———	13	76	1	149
STATISTICS	3,042	24	6	3	6	369	6	14
ECONOMICS	13,150	171	26	3	4	269	25	10
SOCIOLOGY	3,640	1	4	———	———	12	1	9
ANTHROPOLOGY	919	———	———	———	———	1	1	11
LINGUISTICS	1,269	———	———	———	1	12	———	1
OTHER FIELDS	18,160	1,928	169	87	542	716	18	80

SCIENTIFIC AND TECHNICAL FIELD	FIELD OF EMPLOYMENT							NOT EMPLOYED	NO REPORT OF FIELD OF EMPLOYMENT
	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	ANTHROPOLOGY	LINGUISTICS	OTHER FIELDS		
ALL FIELDS	16,427	2,714	15,944	3,258	794	895	24,621	14,783	17,541
CHEMISTRY	104	86	3,158	13	3	3	4,579	5,352	5,421
EARTH SCIENCES	18	15	191	15	6	1	1,143	1,129	2,068
METEOROLOGY	12	2	63	1	———	———	280	242	289
PHYSICS	32	19	165	8	1	———	1,369	2,538	2,125
MATHEMATICS	65	249	609	20	———	11	2,296	1,001	947
AGRICULTURAL SCIENCES	18	6	149	10	———	———	414	188	711
BIOLOGICAL SCIENCES	98	13	84	17	7	5	1,550	1,348	2,277
PSYCHOLOGY	15,705	147	130	229	6	28	732	749	1,057
STATISTICS	64	1,992	173	21	———	2	180	100	82
ECONOMICS	37	111	10,155	40	———	3	728	719	849
SOCIOLOGY	144	16	30	2,829	29	2	145	135	283
ANTHROPOLOGY	14	———	1	30	727	8	18	41	67
LINGUISTICS	26	1	2	5	14	813	123	146	125
OTHER FIELDS	90	57	1,034	20	1	19	11,064	1,095	1,240

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

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Appendix Table A–5. Number of scientists, by field and professional identification, 1966

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	PROFESSIONAL IDENTIFICATION							
		ASTRONOMER	BIOLOGIST	AGRICULTURAL SCIENTIST	BIO-MEDICAL SCIENTIST	CHEMIST	ECONOMIST	ENGINEER	EARTH SCIENTIST
ALL FIELDS	242,763	859	24,516	9,158	3,669	73,672	12,092	8,500	19,512
CHEMISTRY	65,917	1	804	65	129	60,091	772	481	66
EARTH SCIENCES	19,749	2	137	36	1	160	14	157	18,422
METEOROLOGY	6,283	20	12	4	2	140	13	79	97
PHYSICS	29,130	816	81	2	50	1,653	26	2,013	83
MATHEMATICS	22,806	12	13	7	26	197	469	2,389	26
AGRICULTURAL SCIENCES	10,038	------	1,116	8,401	6	78	28	16	62
BIOLOGICAL SCIENCES	29,633	------	21,858	535	3,366	1,041	12	35	47
PSYCHOLOGY	19,027	------	119	5	37	31	48	8	2
STATISTICS	3,042	------	4	3	6	80	119	119	3
ECONOMICS	13,150	------	7	53	8	1,545	10,176	178	39
SOCIOLOGY	3,640	------	1	2	6	4	30	10	12
ANTHROPOLOGY	919	------	3	------	------	1	------	------	------
LINGUISTICS	1,269	------	3	------	------	1	------	------	------
OTHER FIELDS	18,160	8	358	45	32	8,650	385	3,015	653

SCIENTIFIC AND TECHNICAL FIELD	PROFESSIONAL IDENTIFICATION								NO REPORT OF PROFESSIONAL IDENTIFICATION
	LINGUIST	MATHEMA-TICIAN	METEOR-OLOGIST	PHYSICIST	PSYCHOLOGIST	SOCIOLOGIST	STATIS-TICIAN	ANTHRO-POLOGIST	OTHER	
ALL FIELDS	1,042	18,494	5,377	25,002	18,325	3,495	3,091	924	6,430	8,605
CHEMISTRY	------	20	5	300	14	9	4	1	984	2,171
EARTH SCIENCES	------	24	41	109	1	------	2	4	143	496
METEOROLOGY	------	19	5,205	440	1	------	2	------	180	69
PHYSICS	4	355	40	23,008	21	2	3	------	557	416
MATHEMATICS	16	16,426	47	460	72	4	861	------	832	949
AGRICULTURAL SCIENCES	------	5	2	9	------	2	1	------	48	264
BIOLOGICAL SCIENCES	2	12	1	103	114	6	14	11	324	2,152
PSYCHOLOGY	7	44	2	10	17,645	307	36	12	153	561
STATISTICS	------	440	1	13	194	10	1,886	1	47	116
ECONOMICS	2	170	2	18	18	21	183	1	278	451
SOCIOLOGY	------	20	3	------	89	3,083	53	33	89	205
ANTHROPOLOGY	14	------	------	------	1	16	------	839	6	39
LINGUISTICS	955	11	------	1	46	6	------	18	139	89
OTHER FIELDS	42	948	28	531	109	29	46	4	2,650	627

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A-6. Number of scientists, by field, age, and highest degree, 1966

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	242,763	90,304	6,436	66,754	73,764	2,435	3,070
24 AND UNDER	9,259	83	2	1,989	7,066	35	84
25-29	38,767	7,732	326	14,702	15,577	139	271
30-34	40,466	15,417	995	12,254	11,086	306	408
35-39	41,912	18,097	1,268	11,166	10,448	401	532
40-44	36,831	15,732	1,252	9,385	9,741	315	406
45-49	28,545	12,178	962	6,531	8,087	400	387
50-54	19,540	8,201	673	4,585	5,419	316	346
55-59	12,538	5,505	452	2,995	3,058	259	269
60-64	7,763	3,771	264	1,738	1,682	140	168
65-69	3,952	1,987	146	807	841	56	115
70 AND OVER	2,709	1,454	92	460	592	43	68
NO REPORT	481	147	4	142	167	5	16
CHEMISTRY	65,917	23,915	443	12,415	27,616	541	987
24 AND UNDER	4,436	24	-------	402	3,972	10	28
25-29	10,913	2,660	36	2,456	5,676	26	59
30-34	9,672	4,337	102	1,814	3,279	45	95
35-39	10,096	4,553	120	1,882	3,338	51	152
40-44	9,143	3,736	75	1,870	3,282	51	129
45-49	8,079	3,199	56	1,431	3,175	88	130
50-54	5,651	2,068	26	1,102	2,228	90	137
55-59	3,484	1,355	12	720	1,214	83	100
60-64	2,114	964	6	339	685	52	68
65-69	1,206	549	5	200	370	25	57
70 AND OVER	956	435	5	158	311	17	30
NO REPORT	167	35	-------	41	86	3	2
EARTH SCIENCES	19,749	4,330	-------	6,372	8,664	247	136
24 AND UNDER	464	-------	-------	64	394	2	4
25-29	2,268	231	-------	1,080	946	5	6
30-34	3,231	748	-------	1,339	1,118	5	21
35-39	3,982	905	-------	1,378	1,661	28	10
40-44	3,641	663	-------	1,046	1,875	36	21
45-49	2,294	586	-------	586	1,066	40	16
50-54	1,517	411	-------	361	678	45	22
55-59	996	296	-------	224	420	40	16
60-64	674	228	-------	154	259	27	6
65-69	357	129	-------	72	140	8	8
70 AND OVER	287	124	-------	51	96	11	5
NO REPORT	38	9	-------	17	11	-------	1
METEOROLOGY	6,283	668	2	1,404	2,976	727	506
24 AND UNDER	312	-------	-------	22	286	-------	4
25-29	991	56	-------	233	652	27	23
30-34	931	105	-------	248	398	100	80
35-39	1,163	147	-------	260	430	186	140
40-44	856	123	-------	203	335	118	77
45-49	1,121	128	2	235	489	166	101
50-54	523	65	-------	121	236	65	36
55-59	245	22	-------	51	99	42	31
60-64	91	14	-------	16	37	15	9
65-69	26	6	-------	10	5	4	1
70 AND OVER	16	2	-------	3	5	2	4
NO REPORT	8	-------	-------	2	4	2	-------
PHYSICS	29,130	11,850	22	9,438	7,553	75	192
24 AND UNDER	1,644	20	-------	616	1,002	1	5
25-29	7,905	1,613	-------	3,355	2,901	4	32
30-34	5,924	2,765	2	1,839	1,274	14	30
35-39	4,608	2,518	2	1,243	800	13	32
40-44	3,704	2,044	7	956	655	12	30
45-49	2,125	1,113	2	538	451	10	11
50-54	1,292	691	3	344	223	11	20
55-59	882	452	2	277	130	7	14
60-64	648	388	3	176	69	1	11
65-69	242	166	1	50	19	1	5
70 AND OVER	95	63	-------	22	9	1	-------
NO REPORT	61	17	-------	22	20	-------	2

Appendix Table A-6. Number of scientists, by field, age, and highest degree, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
MATHEMATICS	22,806	5,485	5	9,920	6,525	374	497
24 AND UNDER	648	23	-------	375	209	16	25
25-29	5,547	841	1	2,835	1,695	73	102
30-34	5,381	1,140	1	2,202	1,818	108	112
35-39	4,324	1,091	-------	1,690	1,361	81	101
40-44	2,868	884	1	1,226	688	33	56
45-49	1,602	549	1	649	350	21	32
50-54	997	361	1	424	168	17	26
55-59	695	262	-------	273	121	19	20
60-64	436	198	-------	150	71	3	14
65-69	188	93	-------	63	29	1	2
70 AND OVER	110	61	-------	29	13	2	5
NO REPORT	10	2	-------	4	2	-------	2
AGRICULTURAL SCIENCES	10,038	2,310	9	2,597	4,969	97	56
24 AND UNDER	68	-------	-------	13	54	-------	1
25-29	1,182	74	-------	348	747	4	9
30-34	1,679	250	-------	414	1,003	8	4
35-39	1,703	428	1	443	817	8	6
40-44	1,659	428	1	419	791	12	8
45-49	1,450	497	-------	364	563	18	8
50-54	1,079	287	1	262	502	18	9
55-59	643	165	2	149	300	19	8
60-64	353	103	1	112	129	7	1
65-69	145	51	2	49	39	3	1
70 AND OVER	63	26	1	20	16	-------	-------
NO REPORT	14	1	-------	4	8	-------	1
BIOLOGICAL SCIENCES	29,633	15,218	5,090	5,084	3,119	127	195
24 AND UNDER	308	-------	2	60	234	6	6
25-29	3,068	756	286	1,165	841	5	15
30-34	4,644	2,246	881	1,019	471	8	19
35-39	5,647	3,239	1,137	839	390	7	35
40-44	5,041	2,861	1,157	642	330	19	32
45-49	3,773	2,101	891	464	276	19	22
50-54	2,899	1,589	432	370	263	18	27
55-59	1,991	1,117	429	255	150	21	19
60-64	1,274	730	251	171	100	14	8
65-69	599	350	137	59	36	8	9
70 AND OVER	345	209	83	32	18	2	1
NO REPORT	44	20	4	8	10	-------	2
PSYCHOLOGY	19,027	12,545	44	6,075	339	5	19
24 AND UNDER	51	4	-------	43	4	-------	-------
25-29	1,597	706	1	832	58	-------	-------
30-34	3,037	1,925	6	1,044	59	-------	3
35-39	3,936	2,707	7	1,172	47	1	2
40-44	3,688	2,555	8	1,066	56	-------	3
45-49	2,605	1,832	9	719	42	2	1
50-54	1,711	1,169	6	501	32	1	2
55-59	1,132	757	3	347	22	1	2
60-64	646	435	2	197	12	-------	-------
65-69	325	233	-------	87	2	-------	3
70 AND OVER	255	193	2	53	5	-------	2
NO REPORT	44	29	-------	14	-------	-------	1
STATISTICS	3,042	919	-------	1,256	761	44	62
24 AND UNDER	30	1	-------	21	7	-------	1
25-29	474	95	-------	276	96	1	6
30-34	536	154	-------	250	123	4	5
35-39	579	214	-------	222	130	4	9
40-44	471	155	-------	161	139	12	4
45-49	361	117	-------	129	99	5	11
50-54	271	77	-------	93	80	11	10
55-59	176	55	-------	63	48	3	7
60-64	93	30	-------	28	25	3	7
65-69	30	12	-------	8	9	-------	1
70 AND OVER	18	9	-------	4	4	1	-------
NO REPORT	3	-------	-------	1	1	-------	1

Appendix Table A-6. Number of scientists, by field, age, and highest degree, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ECONOMICS	13,150	5,593	3	4,658	2,660	78	158
24 AND UNDER	180	5	-------	137	35	-------	3
25-29	1,518	330	-------	922	258	2	6
30-34	1,996	782	1	835	363	3	12
35-39	2,138	970	1	754	390	9	14
40-44	2,047	957	-------	610	453	7	20
45-49	1,910	912	-------	521	454	8	15
50-54	1,324	633	1	342	306	21	21
55-59	889	398	-------	260	200	12	19
60-64	555	273	-------	145	107	10	20
65-69	338	179	-------	82	59	2	16
70 AND OVER	227	144	-------	37	32	4	10
NO REPORT	28	10	-------	13	3	-------	2
SOCIOLOGY	3,640	2,757	2	780	81	7	13
24 AND UNDER	5	-------	-------	2	3	-------	-------
25-29	145	95	1	36	11	2	-------
30-34	490	358	-------	119	11	-------	2
35-39	661	492	-------	148	19	-------	2
40-44	651	494	1	145	9	1	1
45-49	595	451	-------	129	12	2	1
50-54	415	325	-------	79	7	1	3
55-59	286	232	-------	49	3	1	1
60-64	172	131	-------	37	2	-------	2
65-69	107	80	-------	25	2	-------	-------
70 AND OVER	99	87	-------	9	2	-------	1
NO REPORT	14	12	-------	2	-------	-------	-------
ANTHROPOLOGY	919	830	3	53	26	2	5
24 AND UNDER	1	-------	-------	-------	1	-------	-------
25-29	22	13	-------	9	-------	-------	-------
30-34	89	86	-------	3	-------	-------	-------
35-39	192	183	-------	8	1	-------	-------
40-44	198	187	1	8	2	-------	-------
45-49	139	131	-------	2	6	-------	-------
50-54	107	90	-------	11	3	1	2
55-59	77	63	1	6	5	1	1
60-64	54	46	-------	3	3	-------	2
65-69	22	18	1	-------	3	-------	-------
70 AND OVER	16	11	-------	3	2	-------	-------
NO REPORT	2	2	-------	-------	-------	-------	-------
LINGUISTICS	1,269	750	-------	348	137	1	33
24 AND UNDER	41	1	-------	13	27	-------	-------
25-29	207	52	-------	107	45	-------	3
30-34	215	117	-------	74	21	-------	3
35-39	232	149	-------	62	19	-------	2
40-44	192	127	-------	46	13	-------	6
45-49	121	94	-------	20	3	-------	4
50-54	109	88	-------	11	6	-------	4
55-59	69	54	-------	6	2	-------	7
60-64	44	38	-------	4	-------	1	1
65-69	20	15	-------	2	-------	-------	3
70 AND OVER	11	11	-------	-------	-------	-------	-------
NO REPORT	8	4	-------	3	1	-------	-------
OTHER FIELDS	18,160	3,134	13	6,354	8,338	110	211
24 AND UNDER	1,071	5	-------	221	838	-------	7
25-29	2,930	210	1	1,048	1,651	10	10
30-34	2,641	404	2	1,054	1,148	11	22
35-39	2,651	501	-------	1,065	1,045	13	27
40-44	2,672	538	1	987	1,113	14	19
45-49	2,370	468	1	744	1,101	21	35
50-54	1,645	347	3	564	687	17	27
55-59	973	277	3	315	344	10	24
60-64	609	193	1	206	183	7	19
65-69	347	106	-------	100	128	4	9
70 AND OVER	211	79	1	39	79	3	10
NO REPORT	40	6	-------	11	21	-------	2

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–7. Number of scientists, by field, employment status, and highest degree, 1966

SCIENTIFIC AND TECHNICAL FIELD AND EMPLOYMENT STATUS	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	242,763	90,304	6,436	66,754	73,764	2,435	3,070
FULL-TIME EMPLOYED	210,821	85,387	5,981	53,088	61,396	2,262	2,707
CIVILIAN	204,999	84,644	5,527	51,550	58,992	1,863	2,423
MILITARY	5,822	743	454	1,538	2,404	399	284
PART-TIME EMPLOYED	3,743	1,572	245	1,135	706	32	53
STUDENTS	21,567	1,182	140	10,744	9,323	29	149
PART-TIME EMPLOYED	12,614	601	40	6,581	5,286	18	88
NOT EMPLOYED	8,953	581	100	4,163	4,037	11	61
NOT EMPLOYED	5,830	1,847	12	1,584	2,146	104	137
NO REPORT	802	316	58	203	193	8	24
CHEMISTRY	65,917	23,915	443	12,415	27,616	541	987
FULL-TIME EMPLOYED	56,137	22,424	405	10,076	21,870	492	870
CIVILIAN	55,463	22,288	361	9,965	21,490	491	868
MILITARY	674	136	44	111	380	1	2
PART-TIME EMPLOYED	630	291	11	119	189	6	14
STUDENTS	6,741	492	23	1,767	4,419	6	34
PART-TIME EMPLOYED	3,624	231	5	988	2,377	4	19
NOT EMPLOYED	3,117	261	18	779	2,042	2	15
NOT EMPLOYED	2,235	650	1	425	1,062	35	62
NO REPORT	174	58	3	28	76	2	7
EARTH SCIENCES	19,749	4,330	-------	6,372	8,664	247	136
FULL-TIME EMPLOYED	17,107	4,100	-------	5,318	7,357	219	113
CIVILIAN	16,856	4,082	-------	5,201	7,244	217	112
MILITARY	251	18	-------	117	113	2	1
PART-TIME EMPLOYED	392	86	-------	121	164	14	7
STUDENTS	1,612	16	-------	762	825	2	7
PART-TIME EMPLOYED	1,094	7	-------	513	567	2	5
NOT EMPLOYED	518	9	-------	249	258	-------	2
NOT EMPLOYED	611	123	-------	168	301	11	8
NO REPORT	27	5	-------	3	17	1	1
METEOROLOGY	6,283	668	2	1,404	2,976	727	506
FULL-TIME EMPLOYED	5,739	654	2	1,206	2,710	690	477
CIVILIAN	3,394	634	2	800	1,444	307	207
MILITARY	2,345	20	-------	406	1,266	383	270
PART-TIME EMPLOYED	30	6	-------	9	10	1	4
STUDENTS	389	4	-------	165	210	4	6
PART-TIME EMPLOYED	265	1	-------	122	135	2	5
NOT EMPLOYED	124	3	-------	43	75	2	1
NOT EMPLOYED	118	4	-------	21	42	32	19
NO REPORT	7	-------	-------	3	4	-------	-------
PHYSICS	29,130	11,850	22	9,438	7,553	75	192
FULL-TIME EMPLOYED	22,959	11,359	19	6,194	5,164	71	152
CIVILIAN	22,401	11,261	17	5,930	4,972	70	151
MILITARY	558	98	2	264	192	1	1
PART-TIME EMPLOYED	241	111	1	76	52	-------	1
STUDENTS	5,535	253	1	3,030	2,217	1	33
PART-TIME EMPLOYED	3,343	152	1	1,813	1,358	1	18
NOT EMPLOYED	2,192	101	-------	1,217	859	-------	15
NOT EMPLOYED	346	110	-------	116	111	3	6
NO REPORT	49	17	1	22	9	-------	-------

Appendix Table A–7. Number of scientists, by field, employment status, and highest degree, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND EMPLOYMENT STATUS	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
MATHEMATICS	22,806	5,485	5	9,920	6,525	374	497
FULL-TIME EMPLOYED	20,070	5,218	2	8,021	6,033	353	443
CIVILIAN	19,614	5,177	2	7,752	5,895	348	440
MILITARY	456	41	-------	269	138	5	3
PART-TIME EMPLOYED	291	68	1	140	77	2	3
STUDENTS	1,953	94	2	1,540	275	10	32
PART-TIME EMPLOYED	1,327	53	1	1,066	179	5	23
NOT EMPLOYED	626	41	1	474	96	5	9
NOT EMPLOYED	375	75	-------	171	110	8	11
NO REPORT	117	30	-------	48	30	1	8
AGRICULTURAL SCIENCES	10,038	2,310	9	2,597	4,969	97	56
FULL-TIME EMPLOYED	9,569	2,261	7	2,357	4,798	94	52
CIVILIAN	9,523	2,258	7	2,349	4,766	93	50
MILITARY	46	3	-------	8	32	1	2
PART-TIME EMPLOYED	81	20	-------	29	31	1	-------
STUDENTS	250	3	-------	163	79	2	3
PART-TIME EMPLOYED	185	2	-------	116	62	2	3
NOT EMPLOYED	65	1	-------	47	17	-------	-------
NOT EMPLOYED	123	25	2	45	51	-------	-------
NO REPORT	15	1	-------	3	10	-------	1
BIOLOGICAL SCIENCES	29,633	15,218	5,890	5,084	3,119	127	195
FULL-TIME EMPLOYED	26,491	14,611	5,487	3,759	2,345	117	172
CIVILIAN	25,708	14,351	5,080	3,677	2,315	116	169
MILITARY	783	260	407	82	30	1	3
PART-TIME EMPLOYED	606	251	228	77	38	4	8
STUDENTS	1,984	109	112	1,106	644	2	11
PART-TIME EMPLOYED	1,074	43	32	676	316	1	6
NOT EMPLOYED	910	66	80	430	328	1	5
NOT EMPLOYED	438	208	9	127	88	3	3
NO REPORT	114	39	54	15	4	1	1
PSYCHOLOGY	19,027	12,545	44	6,075	339	5	19
FULL-TIME EMPLOYED	16,883	11,683	42	4,876	263	5	14
CIVILIAN	16,683	11,579	41	4,789	255	5	14
MILITARY	200	104	1	87	8	-------	-------
PART-TIME EMPLOYED	805	473	2	311	17	-------	2
STUDENTS	791	79	-------	663	49	-------	-------
PART-TIME EMPLOYED	542	55	-------	453	34	-------	-------
NOT EMPLOYED	249	24	-------	210	15	-------	-------
NOT EMPLOYED	500	276	-------	213	8	-------	3
NO REPORT	48	34	-------	12	2	-------	-------
STATISTICS	3,042	919	-------	1,256	761	44	62
FULL-TIME EMPLOYED	2,729	877	-------	1,035	722	41	54
CIVILIAN	2,688	865	-------	1,013	715	41	54
MILITARY	41	12	-------	22	7	-------	-------
PART-TIME EMPLOYED	50	19	-------	26	5	-------	-------
STUDENTS	205	10	-------	173	18	-------	4
PART-TIME EMPLOYED	147	6	-------	128	10	-------	3
NOT EMPLOYED	58	4	-------	45	8	-------	1
NOT EMPLOYED	42	9	-------	17	11	2	3
NO REPORT	16	4	-------	5	5	1	1

Appendix Table A–7. Number of scientists, by field, employment status, and highest degree, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND EMPLOYMENT STATUS	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ECONOMICS	13,150	5,593	3	4,658	2,660	78	158
FULL-TIME EMPLOYED	11,748	5,272	2	3,802	2,463	72	137
CIVILIAN	11,660	5,253	2	3,756	2,441	71	137
MILITARY	88	19	-------	46	22	1	-------
PART-TIME EMPLOYED	195	90	-------	70	31	-------	4
STUDENTS	804	55	1	676	68	-------	4
PART-TIME EMPLOYED	434	30	1	361	41	-------	1
NOT EMPLOYED	370	25	-------	315	27	-------	3
NOT EMPLOYED	349	159	-------	87	87	4	12
NO REPORT	54	17	-------	23	11	2	1
SOCIOLOGY	3,640	2,757	2	780	81	7	13
FULL-TIME EMPLOYED	3,213	2,506	1	617	70	7	12
CIVILIAN	3,203	2,499	1	615	69	7	12
MILITARY	10	7	-------	2	1	-------	-------
PART-TIME EMPLOYED	116	67	-------	49	-------	-------	-------
STUDENTS	93	10	1	73	9	-------	-------
PART-TIME EMPLOYED	61	5	-------	52	4	-------	-------
NOT EMPLOYED	32	5	1	21	5	-------	-------
NOT EMPLOYED	103	78	-------	23	2	-------	-------
NO REPORT	115	96	-------	18	-------	-------	1
ANTHROPOLOGY	919	830	3	53	26	2	5
FULL-TIME EMPLOYED	848	778	2	44	18	1	5
CIVILIAN	847	777	2	44	18	1	5
MILITARY	1	1	-------	-------	-------	-------	-------
PART-TIME EMPLOYED	24	19	1	2	2	-------	-------
STUDENTS	7	3	-------	3	1	-------	-------
PART-TIME EMPLOYED	2	1	-------	1	-------	-------	-------
NOT EMPLOYED	5	2	-------	2	1	-------	-------
NOT EMPLOYED	36	26	-------	4	5	1	-------
NO REPORT	4	4	-------	-------	-------	-------	-------
LINGUISTICS	1,269	750	-------	348	137	1	33
FULL-TIME EMPLOYED	1,006	702	-------	212	63	1	28
CIVILIAN	1,002	699	-------	212	62	1	28
MILITARY	4	3	-------	-------	1	-------	-------
PART-TIME EMPLOYED	34	14	-------	15	4	-------	1
STUDENTS	197	16	-------	113	64	-------	4
PART-TIME EMPLOYED	78	3	-------	49	25	-------	1
NOT EMPLOYED	119	13	-------	64	39	-------	3
NOT EMPLOYED	27	16	-------	8	3	-------	-------
NO REPORT	5	2	-------	-------	3	-------	-------
OTHER FIELDS	18,160	3,134	13	6,354	8,338	110	211
FULL-TIME EMPLOYED	16,322	2,942	12	5,571	7,520	99	178
CIVILIAN	15,957	2,921	12	5,447	7,306	95	176
MILITARY	365	21	-------	124	214	4	2
PART-TIME EMPLOYED	248	57	1	91	86	4	9
STUDENTS	1,006	38	-------	510	445	2	11
PART-TIME EMPLOYED	438	12	-------	243	178	1	4
NOT EMPLOYED	568	26	-------	267	267	1	7
NOT EMPLOYED	527	88	-------	159	265	5	10
NO REPORT	57	9	-------	23	22	-------	3

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–8. Number of scientists, by field, type of employer, and highest degree, 1966

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	242,763	90,304	6,436	66,754	73,764	2,435	3,070
EDUCATIONAL INSTITUTIONS	87,315	49,792	3,345	23,856	9,723	96	503
FEDERAL GOVERNMENT	24,689	7,294	390	6,402	9,944	359	300
OTHER GOVERNMENT	8,268	2,193	175	2,886	2,842	95	77
MILITARY	5,891	751	457	1,568	2,428	400	287
NONPROFIT ORGANIZATIONS	9,813	4,498	1,046	2,409	1,651	87	122
INDUSTRY AND BUSINESS	83,990	20,830	312	21,864	38,373	1,168	1,443
SELF-EMPLOYED	4,914	1,489	439	1,052	1,775	82	77
OTHER	1,309	478	25	373	395	16	22
NOT EMPLOYED	14,783	2,428	112	5,747	6,183	115	198
NO REPORT	1,791	551	135	597	450	17	41
CHEMISTRY	65,917	23,915	443	12,415	27,616	541	987
EDUCATIONAL INSTITUTIONS	14,770	8,620	256	2,520	3,245	16	113
FEDERAL GOVERNMENT	3,983	1,365	31	763	1,760	19	45
OTHER GOVERNMENT	834	188	12	154	452	13	15
MILITARY	689	138	44	112	392	1	2
NONPROFIT ORGANIZATIONS	1,884	1,004	50	323	474	8	25
INDUSTRY AND BUSINESS	37,033	11,295	14	7,077	17,552	423	672
SELF-EMPLOYED	553	161	8	89	258	15	22
OTHER	347	97	3	71	171	2	3
NOT EMPLOYED	5,352	911	19	1,204	3,104	37	77
NO REPORT	472	136	6	102	208	7	13
EARTH SCIENCES	19,749	4,330	-------	6,372	8,664	247	136
EDUCATIONAL INSTITUTIONS	4,686	2,403	-------	1,491	767	4	21
FEDERAL GOVERNMENT	2,667	595	-------	827	1,209	25	11
OTHER GOVERNMENT	886	125	-------	310	426	15	10
MILITARY	256	18	-------	120	115	2	1
NONPROFIT ORGANIZATIONS	235	104	-------	73	52	3	3
INDUSTRY AND BUSINESS	8,226	800	-------	2,703	4,512	150	61
SELF-EMPLOYED	1,512	128	-------	379	961	31	13
OTHER	57	17	-------	12	22	3	3
NOT EMPLOYED	1,129	132	-------	417	559	11	10
NO REPORT	95	8	-------	40	41	3	3
METEOROLOGY	6,283	668	2	1,404	2,976	727	506
EDUCATIONAL INSTITUTIONS	812	316	2	279	199	3	13
FEDERAL GOVERNMENT	1,837	157	-------	371	969	216	124
OTHER GOVERNMENT	114	9	-------	25	71	6	3
MILITARY	2,349	20	-------	408	1,267	384	270
NONPROFIT ORGANIZATIONS	197	70	-------	73	44	3	7
INDUSTRY AND BUSINESS	662	77	-------	165	281	76	63
SELF-EMPLOYED	18	6	-------	4	6	-------	2
OTHER	25	2	-------	8	10	2	3
NOT EMPLOYED	242	7	-------	64	117	34	20
NO REPORT	27	4	-------	7	12	3	1
PHYSICS	29,130	11,850	22	9,438	7,553	75	192
EDUCATIONAL INSTITUTIONS	13,135	6,530	8	4,208	2,312	10	67
FEDERAL GOVERNMENT	3,145	989	3	868	1,271	5	9
OTHER GOVERNMENT	116	48	-------	30	36	-------	2
MILITARY	571	100	2	272	195	1	1
NONPROFIT ORGANIZATIONS	1,023	585	2	235	192	7	2
INDUSTRY AND BUSINESS	8,287	3,297	7	2,383	2,469	46	85
SELF-EMPLOYED	112	42	-------	21	44	2	3
OTHER	40	13	-------	15	12	-------	-------
NOT EMPLOYED	2,538	211	-------	1,333	970	3	21
NO REPORT	163	35	-------	73	52	1	2

Appendix Table A–8 Number of scientists, by field, type of employer, and highest degree, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
MATHEMATICS	22,806	5,485	5	9,920	6,525	374	497
EDUCATIONAL INSTITUTIONS	9,308	3,964	2	4,423	781	31	107
FEDERAL GOVERNMENT	1,413	180	-------	531	647	27	28
OTHER GOVERNMENT	270	52	-------	112	97	4	5
MILITARY	464	41	-------	274	138	5	6
NONPROFIT ORGANIZATIONS	1,074	222	2	397	387	32	34
INDUSTRY AND BUSINESS	8,901	848	-------	3,379	4,139	254	281
SELF-EMPLOYED	147	25	-------	46	68	3	5
OTHER	109	18	-------	42	42	3	4
NOT EMPLOYED	1,001	116	1	645	206	13	20
NO REPORT	119	19	-------	71	20	2	7
AGRICULTURAL SCIENCES	10,038	2,310	9	2,597	4,969	97	56
EDUCATIONAL INSTITUTIONS	2,554	1,514	3	750	266	13	8
FEDERAL GOVERNMENT	3,690	437	-------	870	2,341	24	18
OTHER GOVERNMENT	1,680	91	1	430	1,118	25	15
MILITARY	46	3	-------	8	32	1	2
NONPROFIT ORGANIZATIONS	106	35	2	33	34	2	-------
INDUSTRY AND BUSINESS	1,524	180	1	345	965	22	11
SELF-EMPLOYED	192	13	-------	50	119	10	-------
OTHER	20	5	-------	8	7	-------	-------
NOT EMPLOYED	188	26	2	92	68	-------	-------
NO REPORT	38	6	-------	11	19	-------	2
BIOLOGICAL SCIENCES	29,633	15,218	5,890	5,084	3,119	127	195
EDUCATIONAL INSTITUTIONS	16,650	10,021	3,047	2,597	899	14	72
FEDERAL GOVERNMENT	3,300	1,687	350	660	571	15	17
OTHER GOVERNMENT	1,057	313	160	288	270	18	8
MILITARY	790	262	410	83	31	1	3
NONPROFIT ORGANIZATIONS	2,185	813	980	181	160	22	29
INDUSTRY AND BUSINESS	3,185	1,587	284	578	658	38	40
SELF-EMPLOYED	673	116	423	58	54	11	11
OTHER	135	55	20	25	29	4	2
NOT EMPLOYED	1,348	274	89	557	416	4	8
NO REPORT	310	90	127	57	31	-------	5
PSYCHOLOGY	19,027	12,945	44	6,075	339	5	19
EDUCATIONAL INSTITUTIONS	9,791	7,054	17	2,617	100	-------	3
FEDERAL GOVERNMENT	1,379	1,048	4	295	30	-------	2
OTHER GOVERNMENT	2,205	1,065	1	1,088	50	-------	1
MILITARY	205	106	1	90	8	-------	-------
NONPROFIT ORGANIZATIONS	1,714	1,084	8	592	28	1	1
INDUSTRY AND BUSINESS	1,350	735	1	531	75	3	5
SELF-EMPLOYED	1,116	856	8	235	15	-------	2
OTHER	266	165	2	95	3	1	-------
NOT EMPLOYED	749	300	-------	423	23	-------	3
NO REPORT	252	132	2	109	7	-------	2
STATISTICS	3,042	919	-------	1,256	761	44	62
EDUCATIONAL INSTITUTIONS	937	591	-------	313	28	-------	5
FEDERAL GOVERNMENT	614	82	-------	245	262	12	13
OTHER GOVERNMENT	125	17	-------	47	55	3	3
MILITARY	43	12	-------	23	8	-------	-------
NONPROFIT ORGANIZATIONS	149	52	-------	62	29	2	4
INDUSTRY AND BUSINESS	1,012	141	-------	477	340	25	29
SELF-EMPLOYED	23	6	-------	8	8	-------	1
OTHER	23	3	-------	10	8	-------	2
NOT EMPLOYED	100	13	-------	62	19	2	4
NO REPORT	16	2	-------	9	4	-------	1

Appendix Table A–8. Number of scientists, by field, type of employer, and highest degree, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ECONOMICS	13,150	5,593	3	4,658	2,660	78	158
EDUCATIONAL INSTITUTIONS	5,599	3,822	1	1,563	171	2	40
FEDERAL GOVERNMENT	1,348	494	-------	576	261	5	12
OTHER GOVERNMENT	490	174	-------	218	86	5	7
MILITARY	90	19	-------	47	23	1	-------
NONPROFIT ORGANIZATIONS	460	204	-------	172	75	2	7
INDUSTRY AND BUSINESS	4,073	596	2	1,525	1,830	52	68
SELF-EMPLOYED	228	51	-------	89	75	6	7
OTHER	45	15	-------	17	12	-------	1
NOT EMPLOYED	719	184	-------	402	114	4	15
NO REPORT	98	34	-------	49	13	1	1
SOCIOLOGY	3,640	2,757	2	780	81	7	13
EDUCATIONAL INSTITUTIONS	2,748	2,290	1	477	15	-------	5
FEDERAL GOVERNMENT	163	100	-------	51	11	-------	1
OTHER GOVERNMENT	141	59	-------	62	19	-------	1
MILITARY	11	7	-------	3	1	-------	-------
NONPROFIT ORGANIZATIONS	211	131	-------	71	7	2	-------
INDUSTRY AND BUSINESS	86	25	-------	34	17	5	5
SELF-EMPLOYED	26	19	-------	6	1	-------	-------
OTHER	51	29	-------	20	1	-------	1
NOT EMPLOYED	135	83	1	44	7	-------	-------
NO REPORT	68	54	-------	12	2	-------	-------
ANTHROPOLOGY	919	830	3	53	26	2	5
EDUCATIONAL INSTITUTIONS	721	674	2	34	7	-------	4
FEDERAL GOVERNMENT	41	34	1	4	2	-------	-------
OTHER GOVERNMENT	14	12	-------	2	-------	-------	-------
MILITARY	1	1	-------	-------	-------	-------	-------
NONPROFIT ORGANIZATIONS	33	28	-------	1	4	-------	-------
INDUSTRY AND BUSINESS	2	2	-------	-------	-------	-------	-------
SELF-EMPLOYED	6	4	-------	-------	2	-------	-------
OTHER	54	41	-------	6	5	1	1
NOT EMPLOYED	41	28	-------	6	6	1	-------
NO REPORT	6	6	-------	-------	-------	-------	-------
LINGUISTICS	1,269	750	-------	348	137	1	33
EDUCATIONAL INSTITUTIONS	889	636	-------	184	50	-------	19
FEDERAL GOVERNMENT	58	22	-------	23	11	-------	2
OTHER GOVERNMENT	18	8	-------	6	4	-------	-------
MILITARY	4	3	-------	-------	1	-------	-------
NONPROFIT ORGANIZATIONS	84	29	-------	32	17	1	5
INDUSTRY AND BUSINESS	43	14	-------	19	8	-------	2
SELF-EMPLOYED	4	-------	-------	2	1	-------	1
OTHER	8	2	-------	5	-------	-------	1
NOT EMPLOYED	146	29	-------	72	42	-------	3
NO REPORT	15	7	-------	5	3	-------	-------
OTHER FIELDS	18,160	3,134	13	6,354	8,338	110	211
EDUCATIONAL INSTITUTIONS	4,715	1,397	6	2,400	883	3	26
FEDERAL GOVERNMENT	1,051	104	1	318	599	11	18
OTHER GOVERNMENT	318	32	1	114	158	6	7
MILITARY	372	21	-------	128	217	4	2
NONPROFIT ORGANIZATIONS	458	137	2	164	148	2	5
INDUSTRY AND BUSINESS	9,606	1,233	3	2,648	5,527	74	121
SELF-EMPLOYED	304	62	-------	65	163	4	10
OTHER	129	16	-------	39	73	-------	1
NOT EMPLOYED	1,095	114	-------	426	532	6	17
NO REPORT	112	18	-------	52	38	-------	4

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–9. Number of scientists, by field, primary work activity, and highest degree, 1966

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	242,763	90,304	6,436	66,754	73,764	2,435	3,070
RESEARCH AND DEVELOPMENT (A)	80,821	35,606	2,851	20,378	20,640	459	887
BASIC RESEARCH	38,293	22,956	1,621	6,983	6,276	112	345
APPLIED RESEARCH	31,077	11,313	1,220	10,068	7,976	195	305
MANAGEMENT OR ADMINISTRATION (B)	49,921	17,075	971	12,225	18,305	674	671
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	24,448	11,147	537	5,703	6,557	215	289
TEACHING	44,626	25,520	885	13,918	4,092	22	189
PRODUCTION AND INSPECTION	16,419	790	14	3,716	11,224	318	357
OTHER	26,702	5,780	1,172	8,318	10,158	731	543
NOT EMPLOYED	14,783	2,428	112	5,747	6,183	115	198
NO REPORT	9,491	3,105	431	2,452	3,162	116	225
CHEMISTRY	65,917	23,915	443	12,415	27,616	541	987
RESEARCH AND DEVELOPMENT (A)	27,105	11,751	326	4,998	9,481	165	384
BASIC RESEARCH	12,758	7,473	276	1,778	3,052	42	137
APPLIED RESEARCH	9,362	3,584	49	2,096	3,407	78	148
MANAGEMENT OR ADMINISTRATION (B)	12,990	5,165	33	2,387	5,110	117	178
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	8,225	4,093	21	1,453	2,491	65	102
TEACHING	5,987	3,960	19	1,159	822	1	26
PRODUCTION AND INSPECTION	8,814	491	2	1,505	6,457	162	197
OTHER	2,377	542	19	526	1,229	27	34
NOT EMPLOYED	5,352	911	19	1,204	3,104	37	77
NO REPORT	3,292	1,095	25	636	1,413	32	91
EARTH SCIENCES	19,749	4,330	-------	6,372	8,664	247	136
RESEARCH AND DEVELOPMENT (A)	3,715	1,363	-------	1,256	1,048	23	25
BASIC RESEARCH	2,039	942	-------	578	491	12	16
APPLIED RESEARCH	1,651	420	-------	670	544	10	7
MANAGEMENT OR ADMINISTRATION (B)	3,467	646	-------	922	1,796	69	34
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,184	367	-------	334	458	12	13
TEACHING	3,114	1,661	-------	1,033	411	1	8
PRODUCTION AND INSPECTION	560	16	-------	195	334	9	6
OTHER	7,044	394	-------	2,351	4,139	118	42
NOT EMPLOYED	1,129	132	-------	417	559	11	10
NO REPORT	720	118	-------	198	377	16	11
METEOROLOGY	6,283	668	2	1,404	2,976	727	506
RESEARCH AND DEVELOPMENT (A)	1,285	339	-------	469	416	31	30
BASIC RESEARCH	652	257	-------	195	166	13	21
APPLIED RESEARCH	610	82	-------	265	236	18	9
MANAGEMENT OR ADMINISTRATION (B)	1,591	148	2	413	773	155	100
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	470	116	2	174	145	21	12
TEACHING	306	137	-------	91	65	6	7
PRODUCTION AND INSPECTION	74	-------	-------	10	48	9	7
OTHER	2,552	18	-------	311	1,440	466	317
NOT EMPLOYED	242	7	-------	64	117	34	20
NO REPORT	233	19	-------	46	117	26	25
PHYSICS	29,130	11,850	22	9,438	7,553	75	192
RESEARCH AND DEVELOPMENT (A)	14,577	6,533	10	4,173	3,731	35	95
BASIC RESEARCH	8,345	4,833	3	2,027	1,429	9	44
APPLIED RESEARCH	4,574	1,488	4	1,586	1,441	18	37
MANAGEMENT OR ADMINISTRATION (B)	4,152	1,933	7	1,064	1,093	18	37
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	3,069	1,547	5	765	711	13	28
TEACHING	5,902	2,712	2	2,194	973	2	19
PRODUCTION AND INSPECTION	227	14	-------	51	152	6	4
OTHER	842	172	2	279	373	10	6
NOT EMPLOYED	2,538	211	-------	1,333	970	3	21
NO REPORT	892	275	1	344	261	1	10

Appendix Table A–9. Number of scientists, by field, primary work activity, and highest degree, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
MATHEMATICS	22,806	5,485	5	9,920	6,525	374	497
RESEARCH AND DEVELOPMENT (A)	7,095	1,773	2	2,760	2,273	126	161
BASIC RESEARCH	1,943	1,099	1	593	210	10	30
APPLIED RESEARCH	2,818	594	1	1,343	805	35	40
MANAGEMENT OR ADMINISTRATION (B)	4,412	759	1	1,581	1,823	119	129
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2,242	451	1	811	862	52	65
TEACHING	6,303	2,545	1	3,294	414	6	43
PRODUCTION AND INSPECTION	1,695	40	------	600	921	70	64
OTHER	1,782	143	------	838	718	35	48
NOT EMPLOYED	1,001	116	1	645	206	13	20
NO REPORT	518	109	------	202	170	5	32
AGRICULTURAL SCIENCES	10,038	2,310	9	2,597	4,969	97	56
RESEARCH AND DEVELOPMENT (A)	2,516	1,131	2	808	551	15	9
BASIC RESEARCH	682	347	1	189	141	2	2
APPLIED RESEARCH	1,692	767	1	583	324	10	7
MANAGEMENT OR ADMINISTRATION (B)	5,004	531	3	1,612	3,374	53	31
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,088	390	1	315	369	9	4
TEACHING	808	412	2	295	96	------	3
PRODUCTION AND INSPECTION	315	21	------	85	200	7	2
OTHER	795	90	------	215	475	9	6
NOT EMPLOYED	188	26	2	92	68	------	------
NO REPORT	412	99	------	90	205	13	5
BIOLOGICAL SCIENCES	29,633	15,218	5,890	5,084	3,119	127	195
RESEARCH AND DEVELOPMENT (A)	12,150	6,968	2,491	1,572	997	31	91
BASIC RESEARCH	8,264	5,309	1,329	982	561	17	66
APPLIED RESEARCH	3,740	1,607	1,156	551	390	13	23
MANAGEMENT OR ADMINISTRATION (B)	4,831	2,518	912	740	592	36	33
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2,735	1,727	499	288	195	11	15
TEACHING	7,249	4,439	853	1,515	427	1	14
PRODUCTION AND INSPECTION	524	53	12	179	256	16	8
OTHER	2,234	413	1,134	333	307	26	21
NOT EMPLOYED	1,348	274	89	557	416	4	8
NO REPORT	1,297	553	399	188	124	13	20
PSYCHOLOGY	19,027	12,545	44	6,075	339	5	19
RESEARCH AND DEVELOPMENT (A)	4,530	2,658	16	1,773	79	1	3
BASIC RESEARCH	1,589	1,375	9	180	23	------	2
APPLIED RESEARCH	2,817	1,220	7	1,538	52	------	------
MANAGEMENT OR ADMINISTRATION (B)	3,528	2,449	4	978	92	2	3
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,164	917	2	217	26	2	------
TEACHING	4,183	3,526	5	609	43	------	------
PRODUCTION AND INSPECTION	11	1	------	4	6	------	------
OTHER	5,455	3,287	16	2,060	80	2	10
NOT EMPLOYED	749	300	------	423	23	------	3
NO REPORT	571	324	3	228	16	------	------
STATISTICS	3,042	919	------	1,256	761	44	62
RESEARCH AND DEVELOPMENT (A)	883	284	------	398	183	6	12
BASIC RESEARCH	197	118	------	57	17	2	3
APPLIED RESEARCH	566	159	------	282	117	3	5
MANAGEMENT OR ADMINISTRATION (B)	733	151	------	295	249	20	18
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	365	99	------	154	103	2	7
TEACHING	560	372	------	172	13	------	3
PRODUCTION AND INSPECTION	382	12	------	147	200	9	14
OTHER	309	69	------	146	80	5	9
NOT EMPLOYED	100	13	------	62	19	2	4
NO REPORT	75	18	------	36	17	2	2

Appendix Table A-9. Number of scientists, by field, primary work activity, and highest degree, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ECONOMICS	13,150	5,593	3	4,658	2,660	78	158
RESEARCH AND DEVELOPMENT (A)	2,280	1,172	1	828	253	6	20
BASIC RESEARCH	648	392	-------	192	52	4	8
APPLIED RESEARCH	1,484	748	1	579	146	-------	10
MANAGEMENT OR ADMINISTRATION (B)	3,752	1,214	1	1,257	1,186	41	53
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,297	540	1	444	285	9	18
TEACHING	3,720	2,497	1	1,073	114	1	34
PRODUCTION AND INSPECTION	1,118	60	-------	383	654	10	11
OTHER	1,097	268	-------	566	239	10	14
NOT EMPLOYED	719	184	-------	402	114	4	15
NO REPORT	464	198	-------	149	100	6	11
SOCIOLOGY	3,640	2,757	2	780	81	7	13
RESEARCH AND DEVELOPMENT (A)	796	625	-------	143	24	2	2
BASIC RESEARCH	476	413	-------	53	10	-------	-------
APPLIED RESEARCH	314	211	-------	90	10	2	1
MANAGEMENT OR ADMINISTRATION (B)	636	451	-------	158	23	1	3
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	330	235	-------	81	11	1	2
TEACHING	1,781	1,422	-------	346	8	1	4
PRODUCTION AND INSPECTION	11	-------	-------	4	5	2	-------
OTHER	146	78	1	49	13	1	4
NOT EMPLOYED	135	83	1	44	7	-------	-------
NO REPORT	135	98	-------	36	1	-------	-------
ANTHROPOLOGY	919	830	3	53	26	2	5
RESEARCH AND DEVELOPMENT (A)	203	187	1	7	8	-------	-------
BASIC RESEARCH	185	171	1	6	7	-------	-------
APPLIED RESEARCH	18	16	-------	1	1	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	109	102	-------	3	3	1	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	69	67	-------	1	1	-------	-------
TEACHING	479	450	1	22	3	-------	3
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------
OTHER	48	32	-------	9	6	-------	1
NOT EMPLOYED	41	28	-------	6	6	1	-------
NO REPORT	39	31	1	6	-------	-------	1
LINGUISTICS	1,269	750	-------	348	137	1	33
RESEARCH AND DEVELOPMENT (A)	233	139	-------	59	23	-------	12
BASIC RESEARCH	152	99	-------	30	13	-------	10
APPLIED RESEARCH	80	39	-------	29	10	-------	2
MANAGEMENT OR ADMINISTRATION (B)	130	80	-------	31	14	1	4
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	45	25	-------	13	5	1	1
TEACHING	628	446	-------	139	31	-------	12
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------
OTHER	72	24	-------	29	18	-------	1
NOT EMPLOYED	146	29	-------	72	42	-------	3
NO REPORT	60	32	-------	18	9	-------	1
OTHER FIELDS	18,160	3,134	13	6,354	8,338	110	211
RESEARCH AND DEVELOPMENT (A)	3,453	683	2	1,134	1,573	18	43
BASIC RESEARCH	363	128	1	123	104	1	6
APPLIED RESEARCH	1,351	378	1	455	493	8	16
MANAGEMENT OR ADMINISTRATION (B)	4,586	928	8	1,384	2,177	41	48
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2,165	573	5	653	895	17	22
TEACHING	3,606	941	1	1,976	672	3	13
PRODUCTION AND INSPECTION	2,688	82	-------	553	1,991	18	44
OTHER	1,949	250	-------	606	1,041	22	30
NOT EMPLOYED	1,095	114	-------	426	532	6	17
NO REPORT	783	136	2	275	352	2	16

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL 1966.

Appendix Table A–10. Number of scientists, by field, years of professional experience, and highest degree, 1966

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	242,763	90,304	6,436	66,754	73,764	2,435	3,070
1 YEAR	12,967	3,232	135	3,400	6,140	-------	60
2 TO 4	36,907	11,280	562	12,154	12,640	78	193
5 TO 9	48,430	17,342	1,170	15,187	13,975	300	456
10 TO 14	39,083	16,805	1,124	10,542	9,691	406	515
15 TO 19	35,419	13,449	975	9,366	10,699	461	469
20 TO 24	19,488	7,967	873	4,279	5,646	349	374
25 TO 29	16,036	6,496	554	3,647	4,809	275	255
30 TO 34	11,077	4,786	374	2,471	3,048	172	226
35 TO 39	6,569	3,053	201	1,438	1,584	133	160
40 OR MORE	5,851	2,952	182	1,107	1,322	124	164
NO REPORT	10,936	2,942	286	3,163	4,210	137	198
CHEMISTRY	65,917	23,915	443	12,415	27,616	541	987
1 YEAR	5,320	1,183	10	695	3,407	-------	25
2 TO 4	9,700	3,197	60	1,780	4,599	17	47
5 TO 9	10,699	4,355	117	2,061	4,021	40	105
10 TO 14	9,148	4,091	90	1,774	2,976	65	152
15 TO 19	8,879	3,053	58	1,990	3,591	57	130
20 TO 24	5,647	2,068	44	973	2,374	71	117
25 TO 29	5,169	1,851	18	1,010	2,105	84	101
30 TO 34	3,322	1,261	14	648	1,248	55	96
35 TO 39	1,950	826	5	367	641	52	59
40 OR MORE	1,859	811	8	286	608	60	86
NO REPORT	4,224	1,219	19	831	2,046	40	69
EARTH SCIENCES	19,749	4,330	-------	6,372	8,664	247	136
1 YEAR	779	88	-------	266	422	-------	3
2 TO 4	2,554	486	-------	1,125	928	6	9
5 TO 9	3,646	860	-------	1,552	1,211	8	15
10 TO 14	3,676	750	-------	1,281	1,609	23	13
15 TO 19	4,008	673	-------	984	2,272	53	26
20 TO 24	1,363	391	-------	311	600	42	19
25 TO 29	1,207	344	-------	272	545	33	13
30 TO 34	940	272	-------	208	412	35	13
35 TO 39	575	172	-------	134	244	17	6
40 OR MORE	593	231	-------	109	219	25	9
NO REPORT	408	63	-------	130	202	5	8
METEOROLOGY	6,283	668	2	1,404	2,976	727	506
1 YEAR	479	29	-------	60	385	-------	5
2 TO 4	779	65	-------	181	517	6	10
5 TO 9	994	117	-------	267	513	48	49
10 TO 14	1,028	125	1	272	366	154	110
15 TO 19	996	101	1	154	373	234	133
20 TO 24	948	105	-------	209	388	145	101
25 TO 29	529	67	-------	128	205	82	47
30 TO 34	153	25	-------	38	63	14	13
35 TO 39	87	7	-------	20	29	14	17
40 OR MORE	39	9	-------	10	9	6	5
NO REPORT	251	18	-------	65	128	24	16
PHYSICS	29,130	11,850	22	9,438	7,553	75	192
1 YEAR	2,559	658	-------	1,037	858	-------	6
2 TO 4	6,883	2,029	1	2,353	2,471	2	27
5 TO 9	6,608	2,633	3	2,246	1,681	15	30
10 TO 14	4,136	2,214	3	1,166	719	10	24
15 TO 19	3,209	1,543	7	944	670	10	35
20 TO 24	1,690	913	1	415	328	16	17
25 TO 29	1,236	706	1	310	197	7	15
30 TO 34	806	439	3	230	116	6	12
35 TO 39	539	312	2	132	81	2	10
40 OR MORE	395	245	1	108	32	3	6
NO REPORT	1,069	158	-------	497	400	4	10

Appendix Table A–10. Number of scientists, by field, years of professional experience, and highest degree, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
MATHEMATICS	22,806	5,485	5	9,920	6,525	374	497
1 YEAR	311	208	-------	44	60	-------	1
2 TO 4	4,339	810	1	2,528	909	34	57
5 TO 9	7,000	1,210	-------	2,871	2,603	139	177
10 TO 14	4,187	983	1	1,653	1,356	93	101
15 TO 19	2,631	757	-------	1,127	665	41	41
20 TO 24	1,191	423	-------	485	203	12	28
25 TO 29	799	315	2	322	143	6	11
30 TO 34	540	208	-------	204	102	8	18
35 TO 39	353	172	-------	107	60	7	7
40 OR MORE	292	145	-------	82	50	5	10
NO REPORT	1,203	256	1	497	374	29	46
AGRICULTURAL SCIENCES	10,038	2,310	9	2,597	4,969	97	56
1 YEAR	164	35	-------	93	34	-------	2
2 TO 4	1,199	175	-------	316	698	3	7
5 TO 9	2,088	385	1	500	1,187	8	7
10 TO 14	1,704	448	-------	424	811	18	3
15 TO 19	1,900	445	2	504	906	13	10
20 TO 24	821	262	-------	187	356	9	7
25 TO 29	748	184	-------	189	356	14	5
30 TO 34	683	152	2	163	342	17	7
35 TO 39	291	82	2	85	107	12	3
40 OR MORE	182	81	1	55	44	1	-------
NO REPORT	258	41	1	81	128	2	5
BIOLOGICAL SCIENCES	29,633	15,218	5,890	5,084	3,119	127	195
1 YEAR	1,046	452	124	306	162	-------	2
2 TO 4	3,874	1,720	496	906	734	6	12
5 TO 9	5,782	2,820	1,040	1,233	650	12	27
10 TO 14	5,220	3,030	1,016	773	352	10	39
15 TO 19	4,218	2,268	902	622	380	15	31
20 TO 24	2,747	1,386	817	308	195	19	22
25 TO 29	2,121	1,119	324	269	178	17	14
30 TO 34	1,621	930	352	187	127	11	14
35 TO 39	1,035	609	188	139	93	14	12
40 OR MORE	803	493	170	82	41	9	8
NO REPORT	1,146	391	261	259	207	14	14
PSYCHOLOGY	19,027	12,543	44	6,075	339	5	19
1 YEAR	502	275	-------	206	19	-------	2
2 TO 4	2,497	1,437	2	991	66	-------	-------
5 TO 9	4,160	2,914	7	1,570	65	1	3
10 TO 14	4,153	2,849	10	1,242	50	1	1
15 TO 19	3,261	2,271	4	934	49	-------	3
20 TO 24	1,430	1,029	7	370	19	1	4
25 TO 29	1,032	749	8	251	22	1	1
30 TO 34	796	580	2	192	18	1	3
35 TO 39	446	327	1	108	10	-------	-------
40 OR MORE	435	326	1	100	6	-------	2
NO REPORT	315	188	1	111	15	-------	-------
STATISTICS	3,042	919	-------	1,256	761	44	62
1 YEAR	38	24	-------	11	3	-------	-------
2 TO 4	423	105	-------	248	66	-------	4
5 TO 9	733	208	-------	326	181	9	9
10 TO 14	499	167	-------	190	117	10	15
15 TO 19	495	153	-------	189	141	4	8
20 TO 24	241	71	-------	75	77	8	10
25 TO 29	213	57	-------	77	68	6	5
30 TO 34	123	39	-------	43	36	3	2
35 TO 39	66	25	-------	15	22	1	3
40 OR MORE	40	22	-------	7	9	-------	2
NO REPORT	171	48	-------	75	41	3	4

Appendix Table A–10. Number of scientists, by field, years of professional experience, and highest degree, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ECONOMICS	13,150	5,593	3	4,658	2,660	78	158
1 YEAR	551	130	-------	362	54	-------	5
2 TO 4	1,726	607	-------	872	235	2	10
5 TO 9	2,241	961	1	877	388	5	9
10 TO 14	1,832	867	-------	590	355	6	14
15 TO 19	2,138	969	-------	665	471	10	23
20 TO 24	1,218	563	-------	326	298	11	20
25 TO 29	1,114	500	1	289	298	11	15
30 TO 34	772	347	-------	208	194	9	14
35 TO 39	453	203	-------	119	102	11	18
40 OR MORE	464	253	-------	92	94	7	18
NO REPORT	641	193	1	258	171	6	12
SOCIOLOGY	3,640	2,757	2	780	81	7	13
1 YEAR	41	32	-------	7	2	-------	-------
2 TO 4	278	254	-------	17	7	-------	-------
5 TO 9	813	541	-------	251	19	2	-------
10 TO 14	657	480	1	153	16	1	6
15 TO 19	628	477	-------	135	14	2	-------
20 TO 24	322	249	-------	65	6	-------	2
25 TO 29	227	185	-------	38	3	-------	1
30 TO 34	209	173	-------	31	4	-------	1
35 TO 39	130	91	-------	33	3	1	2
40 OR MORE	144	123	-------	18	2	-------	1
NO REPORT	191	152	1	32	5	1	-------
ANTHROPOLOGY	919	830	3	53	26	2	5
1 YEAR	12	7	-------	4	1	-------	-------
2 TO 4	96	91	-------	5	-------	-------	-------
5 TO 9	187	178	-------	8	-------	-------	1
10 TO 14	191	180	1	7	3	-------	-------
15 TO 19	129	118	-------	10	1	-------	-------
20 TO 24	82	72	1	3	5	-------	1
25 TO 29	54	48	-------	4	2	-------	-------
30 TO 34	59	45	-------	8	3	2	1
35 TO 39	41	33	1	2	3	-------	2
40 OR MORE	21	17	-------	2	2	-------	-------
NO REPORT	47	41	-------	-------	6	-------	-------
LINGUISTICS	1,269	750	-------	348	137	1	33
1 YEAR	92	26	-------	30	33	-------	3
2 TO 4	219	77	-------	98	42	-------	2
5 TO 9	270	149	-------	94	24	-------	3
10 TO 14	234	160	-------	56	12	-------	6
15 TO 19	118	96	-------	16	3	-------	3
20 TO 24	96	75	-------	13	4	-------	4
25 TO 29	50	40	-------	4	4	-------	2
30 TO 34	53	42	-------	4	1	-------	6
35 TO 39	38	30	-------	4	-------	1	3
40 OR MORE	25	23	-------	1	-------	-------	1
NO REPORT	74	32	-------	28	14	-------	-------
OTHER FIELDS	18,160	3,134	13	6,354	8,338	110	211
1 YEAR	1,073	87	1	279	700	-------	6
2 TO 4	2,340	227	1	734	1,368	2	8
5 TO 9	3,209	411	1	1,331	1,432	13	21
10 TO 14	2,418	461	1	961	949	15	31
15 TO 19	2,809	505	1	1,092	1,163	22	26
20 TO 24	1,732	360	3	539	793	15	22
25 TO 29	1,537	331	-------	484	683	14	25
30 TO 34	1,000	273	1	307	382	11	26
35 TO 39	545	164	2	173	189	1	16
40 OR MORE	559	173	1	155	206	8	16
NO REPORT	938	142	1	299	473	9	14

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–11. Number of scientists, by field, age, and type of employer, 1966

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	MILITARY	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER		
ALL FIELDS	242,763	87,315	24,689	8,268	5,891	9,813	83,990	4,914	1,309	14,783	1,791
24 AND UNDER	9,259	3,566	317	124	486	121	1,975	8	32	2,487	143
25-29	38,767	15,085	2,764	994	1,722	1,133	11,137	100	172	5,295	365
30-34	40,466	15,589	3,950	1,378	1,073	1,731	14,276	306	200	1,745	218
35-39	41,912	14,910	4,256	1,477	1,080	2,014	16,214	727	201	817	216
40-44	36,831	12,379	3,975	1,383	692	1,843	14,664	988	200	497	210
45-49	28,545	9,367	3,639	1,078	537	1,227	11,185	818	160	347	187
50-54	19,540	6,525	2,718	802	194	733	7,385	672	136	241	134
55-59	12,538	4,573	1,811	503	70	484	4,166	459	95	283	94
60-64	7,763	3,198	852	328	20	282	2,157	337	55	452	82
65-69	3,952	1,477	314	139	1	130	464	274	35	1,057	61
70 AND OVER	2,709	485	48	42	2	95	213	215	21	1,516	72
NO REPORT	481	161	45	20	14	20	154	10	2	46	9
CHEMISTRY	65,917	14,770	3,983	834	689	1,884	37,033	553	347	5,352	472
24 AND UNDER	4,436	1,641	97	39	155	62	1,046	------	14	1,307	75
25-29	10,913	3,315	436	125	343	241	4,510	7	54	1,772	110
30-34	9,672	2,550	577	110	79	321	5,453	22	56	450	54
35-39	10,096	2,056	644	117	34	377	6,541	44	56	189	38
40-44	9,143	1,619	640	118	24	316	6,158	65	44	119	40
45-49	8,079	1,295	626	108	27	245	5,547	77	47	70	37
50-54	5,651	824	465	95	16	128	3,914	94	29	52	34
55-59	3,484	607	256	60	7	104	2,251	71	19	91	18
60-64	2,114	471	153	32	------	43	1,168	62	11	153	21
65-69	1,206	270	64	24	------	24	246	69	9	484	16
70 AND OVER	956	83	14	5	------	18	114	39	7	648	28
NO REPORT	167	39	11	1	4	5	85	3	1	17	1
EARTH SCIENCES	19,749	4,686	2,667	886	256	235	8,226	1,512	57	1,129	95
24 AND UNDER	464	245	27	15	20	2	51	------	2	94	8
25-29	2,268	894	216	124	98	27	593	24	3	265	26
30-34	3,231	886	433	196	56	54	1,332	39	8	153	14
35-39	3,982	816	489	190	37	38	2,059	251	6	86	10
40-44	3,641	573	497	138	25	40	1,920	373	11	60	4
45-49	2,294	444	412	100	17	17	995	250	3	51	5
50-54	1,517	308	253	61	5	24	633	179	8	39	7
55-59	996	206	207	24	------	14	373	117	8	43	4
60-64	674	185	87	22	------	13	195	90	6	67	9
65-69	357	87	33	12	------	1	43	64	1	113	3
70 AND OVER	287	28	7	2	------	4	22	63	1	155	5
NO REPORT	38	14	6	2	------	1	10	2	------	3	------
METEOROLOGY	6,283	812	1,837	114	2,349	197	662	18	25	242	27
24 AND UNDER	312	84	25	5	144	------	4	------	------	44	6
25-29	991	199	120	17	486	25	78	------	4	55	7
30-34	931	132	221	11	411	33	103	------	2	17	1
35-39	1,163	100	263	13	620	46	107	1	2	9	2
40-44	856	94	261	16	519	35	108	3	4	14	2
45-49	1,121	100	457	24	285	31	166	6	5	41	6
50-54	523	51	277	14	72	23	57	4	4	20	1
55-59	245	29	155	10	6	3	29	------	1	10	2
60-64	91	14	49	3	------	1	8	------	2	14	------
65-69	26	7	5	------	------	------	1	2	------	11	------
70 AND OVER	16	1	2	1	1	------	1	2	1	7	------
NO REPORT	8	1	2	------	5	------	------	------	------	------	------
PHYSICS	29,130	13,135	3,145	116	571	1,023	8,287	112	40	2,538	163
24 AND UNDER	1,644	805	77	6	50	11	166	2	2	501	24
25-29	7,905	3,772	665	28	252	186	1,470	7	12	1,443	70
30-34	5,924	2,725	646	33	119	238	1,824	9	5	298	27
35-39	4,608	1,895	563	17	78	194	1,728	19	9	91	14
40-44	3,704	1,510	455	10	41	188	1,428	14	5	44	9
45-49	2,125	860	310	15	21	97	776	14	3	25	4
50-54	1,292	578	194	3	9	39	429	16	2	20	2
55-59	882	431	129	2	1	38	255	13	1	10	2
60-64	648	345	70	2	------	20	165	10	1	32	3
65-69	242	141	29	------	------	4	23	4	------	36	5
70 AND OVER	95	45	4	------	------	5	9	4	------	26	2
NO REPORT	61	28	3	------	------	3	14	------	------	12	1

Appendix Table A–11. Number of scientists, by field, age, and type of employer, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	MILITARY	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER		
MATHEMATICS	**22,806**	**9,308**	**1,413**	**270**	**464**	**1,074**	**8,901**	**147**	**109**	**1,001**	**119**
24 AND UNDER	648	323	21	7	28	8	139	6	3	107	6
25–29	5,547	2,398	262	41	147	186	2,006	15	32	413	47
30–34	5,381	1,949	273	61	90	268	2,465	27	21	205	22
35–39	4,324	1,497	275	41	85	256	2,023	28	15	90	14
40–44	2,868	1,054	222	33	81	184	1,199	27	12	45	11
45–49	1,602	694	161	25	24	104	542	12	11	21	8
50–54	997	527	109	22	6	37	268	10	5	11	2
55–59	695	402	68	17	2	22	153	8	8	13	2
60–64	436	292	17	15	1	6	76	8	1	15	5
65–69	188	119	5	5	———	3	19	2	1	34	———
70 AND OVER	110	48	———	3	———	———	6	4	———	47	2
NO REPORT	10	5	———	———	———	———	5	———	———	———	———
AGRICULTURAL SCIENCES	**10,038**	**2,554**	**3,690**	**1,680**	**46**	**106**	**1,524**	**192**	**20**	**188**	**38**
24 AND UNDER	68	23	18	10	6	———	8	———	———	2	1
25–29	1,182	206	472	252	24	8	167	17	1	31	4
30–34	1,679	320	737	309	5	13	246	25	———	22	2
35–39	1,703	421	650	286	5	10	281	20	8	18	4
40–44	1,659	414	540	316	———	20	318	32	3	11	5
45–49	1,450	499	416	238	1	22	228	33	4	5	4
50–54	1,079	311	421	137	3	12	156	23	1	5	10
55–59	643	166	298	69	1	8	73	14	1	11	2
60–64	353	132	107	46	1	3	26	13	2	20	3
65–69	145	53	24	12	———	6	9	10	———	29	2
70 AND OVER	63	4	1	3	———	4	11	5	———	34	1
NO REPORT	14	5	6	2	———	———	1	———	———	———	———
BIOLOGICAL SCIENCES	**29,630**	**16,650**	**3,300**	**1,057**	**790**	**2,185**	**3,185**	**673**	**135**	**1,348**	**310**
24 AND UNDER	308	127	16	11	3	12	19	———	3	112	5
25–29	3,068	1,630	207	80	120	171	224	8	15	581	32
30–34	4,644	2,737	462	124	206	338	452	39	27	230	29
35–39	5,647	3,407	619	153	122	401	665	102	15	117	46
40–44	5,041	2,877	592	165	114	411	640	114	21	52	55
45–49	3,773	2,098	491	150	96	280	458	123	7	25	45
50–54	2,899	1,528	365	143	65	235	384	108	19	22	30
55–59	1,991	1,088	266	114	43	144	205	70	14	23	24
60–64	1,274	704	183	76	17	100	99	45	6	23	21
65–69	599	301	85	28	1	50	22	39	6	59	8
70 AND OVER	345	129	11	11	1	38	14	24	2	101	14
NO REPORT	44	24	3	2	2	5	3	1	———	3	1
PSYCHOLOGY	**19,027**	**9,791**	**1,379**	**2,205**	**205**	**1,714**	**1,350**	**1,116**	**266**	**749**	**252**
24 AND UNDER	51	21	1	11	1	4	2	———	———	8	1
25–29	1,597	846	82	207	44	152	86	7	22	127	24
30–34	3,037	1,711	169	378	44	285	223	51	38	104	34
35–39	3,936	2,036	281	477	36	413	313	204	44	91	41
40–44	3,688	1,840	282	420	40	353	315	273	56	68	41
45–49	2,605	1,311	249	268	28	226	200	207	36	45	35
50–54	1,711	897	145	188	8	131	119	144	31	27	21
55–59	1,132	588	112	131	4	73	52	105	17	28	22
60–64	646	337	40	81	———	39	26	63	11	38	11
65–69	325	144	12	27	———	21	5	32	7	68	9
70 AND OVER	255	41	2	10	———	10	5	27	4	145	11
NO REPORT	44	19	4	7	———	5	4	3	———	———	2
STATISTICS	**3,042**	**937**	**614**	**125**	**43**	**149**	**1,012**	**23**	**23**	**100**	**16**
24 AND UNDER	30	15	2	———	———	1	8	———	———	4	———
25–29	474	183	48	14	18	25	138	2	6	37	3
30–34	536	188	58	14	9	26	212	3	2	22	2
35–39	579	174	88	22	8	35	231	3	2	9	7
40–44	471	125	105	14	3	23	188	2	5	5	1
45–49	361	103	100	18	4	16	113	3	3	———	1
50–54	271	63	113	20	———	10	57	3	2	2	1
55–59	176	45	68	10	1	8	38	1	———	4	1
60–64	93	28	25	7	———	4	22	3	1	3	———
65–69	30	9	5	4	———	———	3	3	2	4	———
70 AND OVER	18	4	1	2	———	1	———	———	———	10	———
NO REPORT	3	———	1	———	———	———	2	———	———	———	———

Appendix Table A–11. Number of scientists, by field, age, and type of employer, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	MILITARY	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER		
ECONOMICS	**13,150**	**5,399**	**1,348**	**490**	**90**	**460**	**4,073**	**228**	**45**	**719**	**98**
24 AND UNDER	180	61	5	9	9	2	40	-------	1	50	3
25-29	1,518	675	115	57	31	47	382	5	1	190	15
30-34	1,996	955	205	76	11	60	560	11	10	94	14
35-39	2,138	952	192	79	12	77	738	25	7	44	12
40-44	2,047	833	179	79	12	95	778	37	3	19	12
45-49	1,910	791	213	59	14	71	685	39	7	21	10
50-54	1,324	542	194	61	-------	50	414	36	6	15	6
55-59	889	364	145	28	1	21	281	20	3	21	5
60-64	555	248	61	20	-------	22	140	13	6	40	5
65-69	338	139	33	14	-------	6	33	21	------	78	14
70 AND OVER	227	33	3	3	-------	8	17	20	1	141	1
NO REPORT	28	6	3	5	-------	1	5	1	------	6	1
SOCIOLOGY	**3,640**	**2,748**	**163**	**141**	**11**	**211**	**86**	**26**	**51**	**135**	**68**
24 AND UNDER	5	1	-------	-------	-------	-------	-------	-------	------	3	1
25-29	145	107	4	2	1	10	8	-------	------	10	3
30-34	490	393	16	15	-------	26	15	3	5	11	6
35-39	661	505	32	35	3	44	14	2	5	11	10
40-44	651	505	22	25	3	38	18	2	10	12	16
45-49	595	449	26	23	2	43	14	3	12	9	14
50-54	415	313	33	19	1	17	5	7	9	4	7
55-59	286	221	12	11	1	20	7	2	6	1	5
60-64	172	136	12	5	-------	8	2	3	1	3	2
65-69	107	74	5	5	-------	3	2	1	2	14	1
70 AND OVER	99	33	1	-------	-------	2	-------	3	1	56	3
NO REPORT	14	11	-------	1	-------	-------	1	-------	------	1	-------
ANTHROPOLOGY	**919**	**721**	**41**	**14**	**1**	**33**	**2**	**6**	**54**	**41**	**6**
24 AND UNDER	1	-------	-------	-------	-------	-------	-------	-------	------	1	-------
25-29	22	17	1	-------	-------	-------	-------	-------	------	3	1
30-34	89	76	1	1	-------	1	-------	-------	5	3	2
35-39	192	162	5	3	-------	6	-------	1	9	5	1
40-44	198	168	6	4	-------	9	-------	-------	7	3	1
45-49	139	107	7	2	1	6	2	1	8	5	-------
50-54	107	87	7	1	-------	-------	-------	-------	10	1	1
55-59	77	51	8	2	-------	5	-------	2	6	3	-------
60-64	54	36	3	1	-------	5	-------	1	5	3	-------
65-69	22	11	2	-------	-------	1	-------	-------	3	5	-------
70 AND OVER	16	5	-------	-------	-------	-------	-------	1	1	9	-------
NO REPORT	2	1	1	-------	-------	-------	-------	-------	------	-------	-------
LINGUISTICS	**1,269**	**889**	**58**	**18**	**4**	**84**	**43**	**4**	**8**	**146**	**15**
24 AND UNDER	41	8	1	3	-------	2	1	-------	------	25	1
25-29	207	105	9	4	2	11	11	1	2	60	2
30-34	215	159	6	2	-------	14	5	-------	------	26	3
35-39	232	162	13	2	-------	24	13	1	1	10	6
40-44	192	147	5	2	1	21	4	-------	2	9	1
45-49	121	90	7	3	1	5	6	1	1	7	-------
50-54	109	93	7	-------	-------	5	1	1	------	2	-------
55-59	69	58	7	-------	-------	1	1	-------	------	1	1
60-64	44	36	2	2	-------	1	1	-------	1	-------	1
65-69	20	19	1	-------	-------	-------	-------	-------	------	-------	-------
70 AND OVER	11	6	-------	-------	-------	-------	-------	-------	------	5	-------
NO REPORT	8	6	-------	-------	-------	-------	-------	-------	1	1	-------
OTHER FIELDS	**18,160**	**4,715**	**1,051**	**318**	**372**	**458**	**9,606**	**304**	**129**	**1,095**	**112**
24 AND UNDER	1,071	212	27	8	70	15	491	-------	7	229	12
25-29	2,930	738	127	43	158	44	1,464	7	20	308	21
30-34	2,641	808	146	48	43	54	1,386	17	21	110	8
35-39	2,651	727	142	42	40	93	1,501	26	22	47	11
40-44	2,672	620	169	43	29	110	1,590	46	17	36	12
45-49	2,370	526	164	45	16	64	1,453	49	13	22	18
50-54	1,645	403	135	38	9	22	948	47	10	21	12
55-59	973	317	80	25	3	23	448	36	11	24	6
60-64	609	234	43	16	1	17	229	26	1	41	1
65-69	347	103	11	8	-------	11	58	27	4	122	3
70 AND OVER	211	25	2	2	-------	5	14	23	3	132	5
NO REPORT	40	2	5	------	3	-------	24	-------	------	3	3

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–12. Number of scientists, by field, primary work activity, and type of employer, 1966

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTION	FEDERAL GOVERNMENT	OTHER GOVERNMENT	MILITARY	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER		
ALL FIELDS	242,763	87,315	24,689	8,268	5,891	9,813	83,990	4,914	1,309	14,783	1,791
RESEARCH AND DEVELOPMENT (A)	80,821	29,161	10,787	2,161	1,032	4,836	31,726	350	411	------	357
BASIC RESEARCH	38,293	22,057	5,208	732	513	2,565	6,699	79	214	------	226
APPLIED RESEARCH	31,077	6,596	4,870	1,303	447	1,982	15,392	223	149	------	115
MANAGEMENT OR ADMINISTRATION (B)	49,921	7,431	8,221	2,946	2,073	2,345	25,679	722	313	------	191
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	24,448	3,104	3,995	910	606	1,274	14,103	249	122	------	85
TEACHING	44,626	43,256	202	266	300	132	154	31	72	------	213
PRODUCTION AND INSPECTION	16,419	316	1,319	584	206	307	13,350	190	113	------	34
OTHER	26,702	3,624	3,362	1,958	1,909	1,801	10,265	3,208	341	------	234
NOT EMPLOYED	14,783	------	------	------	------	------	------	------	------	14,783	------
NO REPORT	9,491	3,527	798	353	371	392	2,816	413	59	------	762
CHEMISTRY	65,917	14,770	3,983	834	689	1,884	37,033	553	347	5,352	472
RESEARCH AND DEVELOPMENT (A)	27,105	6,704	2,192	249	195	1,185	16,284	51	120	------	125
BASIC RESEARCH	12,758	6,163	1,373	143	140	869	3,907	9	61	------	93
APPLIED RESEARCH	9,362	502	701	83	47	280	7,663	28	36	------	22
MANAGEMENT OR ADMINISTRATION (B)	12,990	735	822	173	197	327	10,486	136	68	------	46
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	8,225	317	581	52	60	181	6,916	62	30	------	26
TEACHING	5,987	5,836	15	29	30	11	20	------	13	------	33
PRODUCTION AND INSPECTION	8,814	111	565	257	58	105	7,537	89	69	------	23
OTHER	2,377	368	209	64	76	144	1,229	189	57	------	41
NOT EMPLOYED	5,352	------	------	------	------	------	------	------	------	5,352	------
NO REPORT	3,292	1,016	180	62	133	112	1,477	88	20	------	204
EARTH SCIENCES	19,749	4,686	2,667	886	256	235	8,226	1,512	57	1,129	95
RESEARCH AND DEVELOPMENT (A)	3,715	1,063	1,255	243	31	139	883	69	16	------	16
BASIC RESEARCH	2,039	887	674	114	13	99	204	20	14	------	14
APPLIED RESEARCH	1,651	174	578	128	18	40	661	49	1	------	2
MANAGEMENT OR ADMINISTRATION (B)	3,467	302	668	202	124	63	1,883	210	15	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,184	123	340	79	28	33	505	69	7	------	------
TEACHING	3,114	3,046	7	12	25	1	8	3	3	------	9
PRODUCTION AND INSPECTION	560	1	56	20	7	1	438	35	1	------	1
OTHER	7,044	114	600	371	50	26	4,791	1,065	17	------	10
NOT EMPLOYED	1,129	------	------	------	------	------	------	------	------	1,129	------
NO REPORT	720	160	81	38	19	5	223	130	5	------	59
METEOROLOGY	6,283	812	1,837	114	2,349	197	662	18	25	242	27
RESEARCH AND DEVELOPMENT (A)	1,285	426	415	25	69	133	204	4	7	------	2
BASIC RESEARCH	652	305	182	10	24	74	53	2	2	------	------
APPLIED RESEARCH	610	119	227	14	44	58	139	2	5	------	2
MANAGEMENT OR ADMINISTRATION (B)	1,591	60	547	32	722	46	168	2	8	------	6
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	470	50	180	9	90	39	94	1	3	------	4
TEACHING	306	241	11	2	42	1	6	1	1	------	1
PRODUCTION AND INSPECTION	74	3	16	14	27	1	13	------	------	------	------
OTHER	2,552	42	787	36	1,405	13	247	10	8	------	4
NOT EMPLOYED	242	------	------	------	------	------	------	------	------	242	------
NO REPORT	233	40	61	5	84	3	24	1	1	------	14
PHYSICS	29,130	13,135	3,145	116	571	1,023	8,287	112	40	2,538	163
RESEARCH AND DEVELOPMENT (A)	14,577	5,971	2,097	52	143	709	5,515	28	22	------	40
BASIC RESEARCH	8,345	5,128	1,044	37	57	406	1,616	8	13	------	36
APPLIED RESEARCH	4,574	656	843	13	74	260	2,705	13	6	------	4
MANAGEMENT OR ADMINISTRATION (B)	4,152	773	770	37	242	225	2,065	23	6	------	11
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	3,069	450	669	8	103	180	1,637	15	------	------	7
TEACHING	5,902	5,738	30	7	78	11	15	3	5	------	15
PRODUCTION AND INSPECTION	227	12	34	7	5	5	161	1	2	------	------
OTHER	842	178	138	7	56	50	353	53	3	------	4
NOT EMPLOYED	2,538	------	------	------	------	------	------	------	------	2,538	------
NO REPORT	892	463	76	6	47	23	178	4	2	------	93

Appendix Table A–12. Number of scientists, by field, primary work activity, and type of employer, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTION	FEDERAL GOVERNMENT	OTHER GOVERNMENT	MILITARY	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER		
MATHEMATICS	22,806	9,308	1,413	270	464	1,074	8,901	147	109	1,001	119
RESEARCH AND DEVELOPMENT (A)	7,095	2,022	663	69	102	576	3,585	27	34	-------	17
BASIC RESEARCH	1,943	1,417	123	20	16	82	263	3	10	-------	9
APPLIED RESEARCH	2,818	439	391	31	51	349	1,521	16	13	-------	7
MANAGEMENT OR ADMINISTRATION (B)	4,412	641	409	68	197	257	2,782	25	28	-------	5
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2,242	231	275	25	75	175	1,437	9	14	-------	1
TEACHING	6,303	6,096	21	57	42	7	54	4	8	-------	14
PRODUCTION AND INSPECTION	1,695	87	171	30	45	123	1,221	6	11	-------	1
OTHER	1,782	296	113	36	60	95	1,073	75	26	-------	8
NOT EMPLOYED	1,001	-------	-------	-------	-------	-------	-------	-------	-------	1,001	-------
NO REPORT	518	166	36	10	18	16	186	10	2	-------	74
AGRICULTURAL SCIENCES	10,038	2,554	3,690	1,680	46	106	1,524	192	20	188	38
RESEARCH AND DEVELOPMENT (A)	2,516	1,107	835	320	-------	17	219	9	4	-------	5
BASIC RESEARCH	682	343	232	83	-------	5	17	1	-------	-------	1
APPLIED RESEARCH	1,692	756	548	204	-------	11	158	7	4	-------	4
MANAGEMENT OR ADMINISTRATION (B)	5,004	418	2,307	1,076	32	56	998	95	8	-------	14
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,088	262	366	284	4	16	137	14	3	-------	2
TEACHING	808	772	15	9	1	2	5	-------	1	-------	3
PRODUCTION AND INSPECTION	315	27	125	67	1	4	81	10	-------	-------	-------
OTHER	795	118	305	126	10	20	141	65	7	-------	3
NOT EMPLOYED	188	-------	-------	-------	-------	-------	-------	-------	-------	188	-------
NO REPORT	412	112	103	82	2	7	80	13	-------	-------	13
BIOLOGICAL SCIENCES	29,633	16,650	3,300	1,057	790	2,185	3,185	673	135	1,348	310
RESEARCH AND DEVELOPMENT (A)	12,150	6,944	1,864	336	364	1,091	1,360	57	63	-------	71
BASIC RESEARCH	8,264	5,406	1,180	170	222	757	426	9	54	-------	40
APPLIED RESEARCH	3,740	1,529	663	158	140	329	834	47	9	-------	31
MANAGEMENT OR ADMINISTRATION (B)	4,831	1,428	940	400	245	422	1,242	85	30	-------	39
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2,735	702	628	126	152	200	872	26	11	-------	18
TEACHING	7,249	7,038	43	27	26	59	6	5	2	-------	43
PRODUCTION AND INSPECTION	524	28	108	107	15	16	234	9	3	-------	4
OTHER	2,234	520	232	135	113	471	243	449	29	-------	42
NOT EMPLOYED	1,348	-------	-------	-------	-------	-------	-------	-------	-------	1,348	-------
NO REPORT	1,297	692	113	52	27	126	100	68	8	-------	111
PSYCHOLOGY	19,027	9,791	1,379	2,205	205	1,714	1,350	1,116	266	749	252
RESEARCH AND DEVELOPMENT (A)	4,530	2,479	431	540	72	457	396	44	69	-------	42
BASIC RESEARCH	1,589	1,079	175	93	29	132	45	8	16	-------	12
APPLIED RESEARCH	2,817	1,370	238	436	42	310	307	34	51	-------	29
MANAGEMENT OR ADMINISTRATION (B)	3,528	1,439	389	535	61	429	554	36	66	-------	19
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,164	386	201	108	32	149	252	12	19	-------	5
TEACHING	4,183	4,027	6	69	6	21	6	8	12	-------	28
PRODUCTION AND INSPECTION	11	2	-------	1	-------	1	7	-------	-------	-------	-------
OTHER	5,455	1,562	521	1,013	59	753	356	986	113	-------	92
NOT EMPLOYED	749	-------	-------	-------	-------	-------	-------	-------	-------	749	-------
NO REPORT	571	282	32	47	7	53	31	42	6	-------	71
STATISTICS	3,042	937	614	125	43	149	1,012	23	23	100	16
RESEARCH AND DEVELOPMENT (A)	883	245	187	43	10	88	297	6	6	-------	1
BASIC RESEARCH	197	127	20	7	2	16	23	-------	1	-------	1
APPLIED RESEARCH	566	113	131	32	5	70	205	5	5	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	733	82	235	47	19	43	295	2	9	-------	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	365	49	105	37	6	32	130	2	3	-------	1
TEACHING	560	543	7	3	2	-------	2	1	-------	-------	2
PRODUCTION AND INSPECTION	382	4	94	17	5	8	251	1	1	-------	1
OTHER	309	38	76	12	4	8	151	11	6	-------	3
NOT EMPLOYED	100	-------	-------	-------	-------	-------	-------	-------	-------	100	-------
NO REPORT	75	25	15	3	3	2	16	2	1	-------	8

Appendix Table A–12. Number of scientists, by field, primary work activity, and type of employer, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTION	FEDERAL GOVERNMENT	OTHER GOVERNMENT	MILITARY	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER		
ECONOMICS	13,150	5,599	1,348	490	90	460	4,073	228	45	719	98
RESEARCH AND DEVELOPMENT (A)	2,280	973	496	195	15	189	374	16	8	-------	14
BASIC RESEARCH	648	399	120	26	1	49	38	6	4	-------	5
APPLIED RESEARCH	1,484	561	347	153	12	134	259	6	3	-------	9
MANAGEMENT OR ADMINISTRATION (B)	3,752	675	562	191	45	178	2,016	49	18	-------	18
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,297	197	305	112	10	100	550	12	6	-------	5
TEACHING	3,720	3,646	21	11	11	3	6	1	------	-------	21
PRODUCTION AND INSPECTION	1,118	11	33	9	3	17	1,022	17	6	-------	-------
OTHER	1,097	115	194	70	9	61	500	127	10	-------	11
NOT EMPLOYED	719	-------	-------	-------	------	-------	-------	------	------	719	-------
NO REPORT	464	179	42	14	7	12	155	18	3	-------	34
SOCIOLOGY	3,640	2,748	163	141	11	211	86	26	51	135	68
RESEARCH AND DEVELOPMENT (A)	796	530	73	53	3	77	22	10	14	-------	14
BASIC RESEARCH	476	377	23	18	1	28	5	5	8	-------	11
APPLIED RESEARCH	314	151	50	34	2	49	14	5	6	-------	3
MANAGEMENT OR ADMINISTRATION (B)	636	316	71	63	4	104	36	6	18	-------	18
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	330	140	49	32	2	62	24	3	8	-------	10
TEACHING	1,781	1,734	2	8	1	2	4	2	10	-------	18
PRODUCTION AND INSPECTION	11	2	-------	-------	-------	2	7	------	------	-------	-------
OTHER	146	63	13	14	3	20	14	7	7	-------	5
NOT EMPLOYED	135	-------	-------	-------	------	-------	-------	------	------	135	-------
NO REPORT	135	103	4	3	-------	6	3	1	2	-------	13
ANTHROPOLOGY	919	721	41	14	1	33	2	6	54	41	6
RESEARCH AND DEVELOPMENT (A)	203	137	18	5	1	14	-------	2	26	-------	-------
BASIC RESEARCH	185	131	12	5	-------	10	-------	2	25	-------	-------
APPLIED RESEARCH	18	6	6	-------	1	4	-------	-------	1	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	109	60	11	7	-------	12	2	1	15	-------	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	69	34	8	5	-------	8	2	1	10	-------	1
TEACHING	479	477	-------	-------	-------	-------	-------	-------	1	-------	1
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	------	-------	-------
OTHER	48	19	8	1	-------	5	-------	3	11	-------	1
NOT EMPLOYED	41	-------	-------	-------	-------	-------	-------	-------	------	41	-------
NO REPORT	39	28	4	1	-------	2	-------	-------	1	-------	3
LINGUISTICS	1,269	889	58	18	4	84	43	4	8	146	15
RESEARCH AND DEVELOPMENT (A)	233	150	10	1	3	39	23	2	3	-------	2
BASIC RESEARCH	152	114	5	1	2	18	7	1	2	-------	2
APPLIED RESEARCH	80	36	5	-------	1	21	15	1	1	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	130	74	22	4	-------	14	10	-------	3	-------	3
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	45	21	6	2	-------	6	8	-------	1	-------	1
TEACHING	628	602	9	5	1	6	1	-------	2	-------	2
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	------	-------	-------
OTHER	72	25	14	6	-------	19	6	2	------	-------	-------
NOT EMPLOYED	146	-------	-------	-------	-------	-------	-------	-------	------	146	-------
NO REPORT	60	38	3	2	-------	6	3	-------	------	-------	8
OTHER FIELDS	18,160	4,715	1,051	318	372	458	9,606	304	129	1,095	112
RESEARCH AND DEVELOPMENT (A)	3,453	410	251	30	24	122	2,564	25	19	-------	8
BASIC RESEARCH	363	181	45	5	6	20	95	5	4	-------	2
APPLIED RESEARCH	1,351	184	142	17	10	67	911	10	8	-------	2
MANAGEMENT OR ADMINISTRATION (B)	4,586	428	468	111	185	169	3,142	52	21	-------	10
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2,165	142	282	31	44	93	1,539	23	7	-------	4
TEACHING	3,606	3,460	15	27	35	8	21	3	14	-------	23
PRODUCTION AND INSPECTION	2,688	28	117	55	40	24	2,378	22	20	-------	4
OTHER	1,949	166	152	67	64	116	1,161	166	47	-------	10
NOT EMPLOYED	1,095	-------	-------	-------	-------	-------	-------	-------	------	1,095	-------
NO REPORT	783	223	48	28	24	19	340	36	8	-------	57

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–13. Number of scientists, by field, years of professional experience, and type of employer, 1966

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	MILITARY	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER		
ALL FIELDS	242,763	87,315	24,689	8,268	5,891	9,813	83,990	4,914	1,309	14,783	1,791
1 YEAR	12,967	5,023	515	242	804	318	2,642	19	42	3,205	157
2 TO 4	36,907	16,459	2,908	1,140	1,362	1,265	9,517	120	145	3,701	290
5 TO 9	48,430	19,337	5,036	1,834	1,047	2,125	16,379	392	260	1,768	252
10 TO 14	39,083	13,805	4,144	1,506	881	1,920	15,083	817	212	518	197
15 TO 19	35,419	10,635	4,182	1,419	756	1,601	15,009	1,116	221	314	166
20 TO 24	19,488	6,234	2,513	621	481	853	7,775	548	112	227	124
25 TO 29	16,036	4,843	2,125	536	221	587	6,839	526	86	180	93
30 TO 34	11,077	3,666	1,495	397	54	400	4,145	432	81	327	80
35 TO 39	6,569	2,391	745	229	15	222	2,030	273	49	558	57
40 OR MORE	5,851	1,946	323	148	3	215	1,019	436	42	1,631	88
NO REPORT	10,936	2,976	703	196	267	307	3,552	235	59	2,354	287
CHEMISTRY	65,917	14,770	3,983	834	689	1,884	37,033	553	347	5,352	472
1 YEAR	5,320	1,859	116	49	215	93	1,453	8	22	1,443	62
2 TO 4	9,700	3,377	435	107	211	291	4,026	9	43	1,130	71
5 TO 9	10,699	2,793	736	128	88	342	6,020	17	57	462	56
10 TO 14	9,148	1,812	630	124	37	346	5,939	43	52	127	38
15 TO 19	8,879	1,308	655	143	27	297	6,240	54	52	65	38
20 TO 24	5,647	890	437	75	16	155	3,900	58	32	54	30
25 TO 29	5,169	725	383	71	21	118	3,667	82	24	55	23
30 TO 34	3,322	518	219	42	4	81	2,242	78	18	101	19
35 TO 39	1,950	362	128	30	3	46	1,078	50	10	228	15
40 OR MORE	1,859	347	75	24	------	40	547	98	11	687	30
NO REPORT	4,224	775	169	41	67	75	1,921	56	26	1,000	90
EARTH SCIENCES	19,749	4,686	2,667	886	256	235	8,226	1,512	57	1,129	95
1 YEAR	779	340	50	41	31	10	150	2	2	145	8
2 TO 4	2,554	1,037	292	129	87	37	655	20	2	270	25
5 TO 9	3,646	1,082	514	257	54	55	1,438	88	10	134	14
10 TO 14	3,676	673	449	165	30	34	1,977	280	8	51	9
15 TO 19	4,008	523	584	143	20	37	2,178	463	11	45	4
20 TO 24	1,363	277	243	51	11	20	570	146	4	35	6
25 TO 29	1,207	225	219	40	6	18	504	151	5	30	5
30 TO 34	940	167	147	25	1	10	395	125	8	59	3
35 TO 39	575	127	90	9	------	8	182	78	6	71	4
40 OR MORE	593	126	40	15	------	5	85	123	1	189	9
NO REPORT	408	105	39	11	16	1	92	36	---	100	8
METEOROLOGY	6,283	812	1,837	114	2,349	197	662	18	25	242	27
1 YEAR	479	96	32	7	274	4	9	------	-----	55	2
2 TO 4	779	179	102	17	355	22	59	------	2	36	7
5 TO 9	994	156	293	13	361	43	106	------	4	17	1
10 TO 14	1,028	98	295	10	462	39	113	2	2	5	2
15 TO 19	996	75	279	23	446	31	106	1	6	28	1
20 TO 24	948	70	400	24	264	30	128	5	5	18	4
25 TO 29	529	61	234	9	104	21	77	3	-----	16	4
30 TO 34	153	22	80	5	4	3	25	2	2	10	-----
35 TO 39	87	13	44	3	------	------	14	1	2	8	2
40 OR MORE	39	7	11	1	------	1	1	3	-----	15	-----
NO REPORT	251	35	67	2	79	3	24	1	2	34	4
PHYSICS	29,130	13,135	3,145	116	571	1,023	8,287	112	40	2,538	163
1 YEAR	2,559	1,141	95	15	96	46	305	1	2	832	26
2 TO 4	6,883	3,623	601	26	198	191	1,357	5	12	828	42
5 TO 9	6,608	2,991	795	28	134	238	2,103	12	6	272	29
10 TO 14	4,136	1,716	500	19	64	192	1,579	13	6	34	13
15 TO 19	3,209	1,169	489	10	34	166	1,289	20	6	20	6
20 TO 24	1,690	696	236	7	17	67	629	12	1	22	3
25 TO 29	1,236	494	189	4	9	49	461	14	2	10	4
30 TO 34	806	388	104	3	3	28	243	15	3	16	3
35 TO 39	539	267	68	2	1	17	154	10	-----	17	3
40 OR MORE	395	223	30	------	------	16	62	10	------	50	4
NO REPORT	1,069	427	38	2	15	13	105	------	2	437	30

Appendix Table A–13. Number of scientists, by field, years of professional experience, and type of employer, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	MILITARY	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER		
MATHEMATICS	22,806	9,308	1,413	270	464	1,074	8,901	147	109	1,001	119
1 YEAR	311	175	8	4	17	9	60	1	2	29	6
2 TO 4	4,339	2,156	202	26	148	120	1,192	9	20	430	36
5 TO 9	7,000	2,648	359	92	101	343	3,133	25	32	245	22
10 TO 14	4,187	1,367	300	38	85	239	2,044	30	17	59	8
15 TO 19	3,631	923	211	37	41	174	1,165	31	11	28	10
20 TO 24	1,151	499	115	13	43	53	391	8	12	15	2
25 TO 29	799	405	75	15	2	52	225	13	5	5	2
30 TO 34	540	300	47	17	1	16	139	6	5	8	1
35 TO 39	353	225	17	5	------	8	75	7	-----	14	2
40 OR MORE	292	176	5	10	1	4	38	7	1	50	-----
NO REPORT	1,203	434	74	13	25	56	439	10	4	118	30
AGRICULTURAL SCIENCES	10,038	2,554	3,690	1,680	46	106	1,524	192	20	188	38
1 YEAR	164	58	39	24	5	2	22	1	1	11	1
2 TO 4	1,199	266	486	236	19	8	142	11	-----	24	7
5 TO 9	2,088	447	898	375	9	14	281	27	5	28	4
10 TO 14	1,704	449	599	313	5	14	279	27	3	12	3
15 TO 19	1,900	486	608	369	1	24	365	30	6	5	6
20 TO 24	821	270	247	110	------	12	147	24	3	3	5
25 TO 29	748	211	282	108	------	10	112	14	-----	8	3
30 TO 34	683	176	335	64	2	7	69	15	1	11	3
35 TO 39	291	84	104	35	------	4	31	9	1	22	1
40 OR MORE	182	54	28	14	------	9	17	16	-----	42	2
NO REPORT	258	53	64	32	5	2	59	18	-----	22	3
BIOLOGICAL SCIENCES	29,633	16,650	3,300	1,057	790	2,185	3,185	673	135	1,348	310
1 YEAR	1,046	535	84	15	39	78	60	1	4	217	13
2 TO 4	3,874	2,276	338	100	160	218	322	21	17	393	29
5 TO 9	5,782	3,530	610	163	152	406	583	71	25	205	37
10 TO 14	5,220	3,066	599	172	114	396	629	94	24	70	56
15 TO 19	4,218	2,339	532	150	101	310	588	111	15	37	35
20 TO 24	2,747	1,517	312	109	88	257	321	88	11	15	29
25 TO 29	2,121	1,142	258	116	65	154	263	81	9	10	23
30 TO 34	1,621	850	222	102	32	124	178	60	10	22	21
35 TO 39	1,055	542	163	68	10	88	94	40	6	27	17
40 OR MORE	803	405	79	29	2	74	39	53	5	104	13
NO REPORT	1,146	448	103	33	27	80	108	53	9	248	37
PSYCHOLOGY	19,027	9,791	1,379	2,205	205	1,714	1,350	1,116	266	749	252
1 YEAR	502	271	28	48	11	45	22	4	2	60	11
2 TO 4	2,497	1,330	142	372	49	244	125	31	26	145	33
5 TO 9	4,160	2,263	247	546	45	426	279	111	52	143	48
10 TO 14	4,153	2,088	325	508	43	397	343	272	60	74	43
15 TO 19	3,261	1,582	261	350	39	303	295	314	57	30	30
20 TO 24	1,430	705	148	136	10	117	105	142	16	28	23
25 TO 29	1,032	551	107	89	3	72	75	85	15	23	12
30 TO 34	796	428	65	68	2	49	55	72	11	29	17
35 TO 39	446	238	29	42	------	15	18	34	11	53	6
40 OR MORE	435	188	10	22	------	26	10	33	8	125	13
NO REPORT	315	147	17	24	3	20	23	18	8	39	16
STATISTICS	3,042	937	614	125	43	149	1,012	23	23	100	16
1 YEAR	38	23	3	------	1	------	7	------	-----	3	1
2 TO 4	423	193	33	13	13	23	108	2	2	32	4
5 TO 9	733	236	105	29	16	36	276	2	6	23	4
10 TO 14	499	145	98	21	4	29	186	4	3	6	3
15 TO 19	495	119	131	10	2	25	195	3	4	4	2
20 TO 24	241	53	71	15	3	14	75	3	2	5	-----
25 TO 29	213	57	80	16	------	7	48	1	2	1	1
30 TO 34	123	26	47	8	1	6	28	3	2	2	-----
35 TO 39	66	23	11	4	------	4	18	2	1	3	-----
40 OR MORE	40	17	3	3	------	------	5	2	1	9	-----
NO REPORT	171	45	32	6	3	5	66	1	-----	12	1

Appendix Table A–13. Number of scientists, by field, years of professional experience, and type of employer, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	MILITARY	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER		
ECONOMICS	13,150	5,599	1,348	490	90	460	4,073	228	45	719	98
1 YEAR	551	243	36	26	18	10	90	1	1	118	8
2 TO 4	1,726	955	155	72	23	50	316	5	1	134	15
5 TO 9	2,241	1,108	240	89	15	83	607	16	11	60	12
10 TO 14	1,832	816	176	67	6	69	645	20	5	20	8
15 TO 19	2,138	842	201	84	7	88	838	41	6	15	16
20 TO 24	1,218	474	158	45	13	44	434	28	4	10	8
25 TO 29	1,114	389	149	35	3	42	450	30	5	9	2
30 TO 34	772	288	122	26	-------	28	241	25	3	36	3
35 TO 39	453	172	43	14	-------	13	142	11	5	47	6
40 OR MORE	464	143	24	15	-------	16	73	37	3	143	10
NO REPORT	641	169	44	17	5	17	237	14	1	127	10
SOCIOLOGY	3,640	2,748	163	141	11	211	86	26	51	135	68
1 YEAR	41	34	-------	-------	-------	-------	1	-------	------	4	2
2 TO 4	278	236	7	5	-------	14	4	1	2	7	2
5 TO 9	813	635	34	37	3	46	17	4	7	24	6
10 TO 14	657	503	25	32	3	49	23	2	7	7	6
15 TO 19	628	462	33	31	3	45	19	5	19	7	4
20 TO 24	322	259	17	10	-------	17	5	4	4	4	2
25 TO 29	227	181	20	6	1	6	3	3	5	1	1
30 TO 34	209	152	12	10	1	17	6	2	2	4	3
35 TO 39	130	92	8	4	-------	8	3	2	1	11	1
40 OR MORE	144	81	3	2	-------	4	2	3	3	43	3
NO REPORT	191	113	4	4	-------	5	3	-------	1	23	38
ANTHROPOLOGY	919	721	41	14	1	33	2	6	54	41	6
1 YEAR	12	7	1	-------	-------	-------	-------	-------	------	4	------
2 TO 4	96	84	2	-------	-------	2	-------	-------	3	2	3
5 TO 9	187	157	5	3	-------	4	-------	-------	9	8	1
10 TO 14	191	164	4	5	-------	7	1	2	5	3	------
15 TO 19	129	100	8	2	1	4	1	1	8	3	1
20 TO 24	82	59	7	1	-------	5	-------	-------	9	1	------
25 TO 29	54	43	3	1	-------	-------	-------	-------	6	1	------
30 TO 34	59	36	6	1	-------	4	-------	-------	7	4	1
35 TO 39	41	27	4	-------	-------	3	-------	1	3	3	------
40 OR MORE	21	10	-------	1	-------	-------	-------	1	3	6	------
NO REPORT	47	34	1	-------	-------	4	-------	1	1	6	------
LINGUISTICS	1,269	889	58	18	4	84	43	4	8	146	15
1 YEAR	92	47	1	1	-------	3	1	-------	------	37	2
2 TO 4	219	130	8	7	1	10	11	-------	1	48	3
5 TO 9	270	189	12	3	1	25	12	2	2	18	6
10 TO 14	234	177	13	-------	-------	28	6	-------	2	8	------
15 TO 19	118	94	6	3	2	5	6	-------	1	-------	1
20 TO 24	96	79	4	2	-------	8	2	-------	1	-------	------
25 TO 29	50	40	6	1	-------	-------	1	1	1	-------	------
30 TO 34	53	46	4	-------	-------	2	1	-------	------	-------	------
35 TO 39	38	34	1	1	-------	1	1	-------	------	-------	------
40 OR MORE	25	22	-------	-------	-------	-------	-------	-------	------	3	------
NO REPORT	74	31	3	-------	-------	2	2	1	------	32	3
OTHER FIELDS	18,160	4,715	1,051	318	372	458	9,606	304	129	1,095	112
1 YEAR	1,073	194	22	12	97	18	462	-------	6	247	15
2 TO 4	2,340	617	105	30	98	35	1,200	6	14	222	13
5 TO 9	3,209	1,102	188	71	68	64	1,524	17	34	129	12
10 TO 14	2,418	731	131	32	28	81	1,319	28	18	42	8
15 TO 19	2,809	613	184	64	32	92	1,724	42	19	27	12
20 TO 24	1,732	386	118	23	16	54	1,068	30	8	17	12
25 TO 29	1,537	315	120	25	7	38	953	48	7	11	13
30 TO 34	1,000	269	85	26	3	25	523	29	9	25	6
35 TO 39	545	185	35	12	1	7	220	28	3	54	------
40 OR MORE	559	147	15	12	-------	20	140	50	6	165	4
NO REPORT	938	156	48	11	22	24	473	26	5	156	17

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–14. Number of scientists, by field, age, and primary work activity, 1966

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	PRIMARY WORK ACTIVITY								NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D					
ALL FIELDS	**242,763**	**80,821**	**38,293**	**31,077**	**49,921**	**24,448**	**44,626**	**16,419**	**26,702**	**14,783**	**9,491**
24 AND UNDER	9,259	3,133	1,832	751	250	47	1,222	804	863	2,487	500
25-29	38,767	17,001	9,291	5,048	2,428	777	6,231	3,112	3,318	5,295	1,382
30-34	40,466	17,454	8,717	6,246	4,968	2,206	8,134	2,781	4,237	1,745	1,147
35-39	41,912	15,678	7,208	6,367	8,509	4,378	7,957	2,578	5,112	817	1,261
40-44	36,831	11,136	4,803	4,875	10,322	5,361	6,572	2,456	4,599	497	1,249
45-49	28,545	7,430	2,918	3,464	9,422	4,926	5,003	1,974	3,320	347	1,049
50-54	19,540	4,339	1,600	2,122	6,766	3,276	3,672	1,347	2,259	241	920
55-59	12,538	2,376	887	1,191	4,168	1,972	2,708	806	1,447	283	750
60-64	7,763	1,332	550	627	2,212	1,079	1,905	398	834	452	630
65-69	3,952	529	262	234	622	300	888	93	432	1,057	331
70 AND OVER	2,709	252	156	82	181	88	252	33	235	1,516	240
NO REPORT	481	161	69	70	73	38	82	37	50	46	32
CHEMISTRY	**65,917**	**27,105**	**12,758**	**9,362**	**12,990**	**8,225**	**5,987**	**8,814**	**2,377**	**5,352**	**3,292**
24 AND UNDER	4,436	1,613	1,051	313	75	7	435	448	285	1,307	273
25-29	10,913	5,567	3,258	1,408	363	140	895	1,490	340	1,772	486
30-34	9,672	5,384	2,789	1,702	881	524	1,066	1,245	262	450	384
35-39	10,096	4,953	2,183	1,854	2,003	1,404	940	1,352	284	189	375
40-44	9,143	3,652	1,434	1,473	2,613	1,770	762	1,348	264	119	385
45-49	8,079	2,734	995	1,148	2,824	1,827	641	1,190	282	70	338
50-54	5,651	1,671	536	754	2,095	1,275	418	839	232	52	344
55-59	3,484	841	240	422	1,231	735	351	531	183	91	256
60-64	2,114	420	146	180	660	401	263	265	109	153	244
65-69	1,206	142	67	59	154	84	164	60	86	484	116
70 AND OVER	956	59	32	20	64	40	39	21	47	648	78
NO REPORT	167	69	27	29	27	18	13	25	3	17	13
EARTH SCIENCES	**19,749**	**3,715**	**2,039**	**1,651**	**3,467**	**1,184**	**3,114**	**560**	**7,044**	**1,129**	**720**
24 AND UNDER	464	117	82	32	16	5	132	5	69	94	31
25-29	2,268	672	430	235	101	25	487	83	580	265	80
30-34	3,231	777	433	338	295	94	600	131	1,191	153	84
35-39	3,982	745	382	362	604	191	612	120	1,719	86	96
40-44	3,641	544	288	251	840	268	399	106	1,577	60	115
45-49	2,294	344	167	175	636	258	304	50	823	51	86
50-54	1,517	225	102	123	421	146	220	31	510	39	71
55-59	996	153	72	81	304	104	149	18	279	43	50
60-64	674	65	40	24	174	64	131	7	179	67	51
65-69	357	40	26	14	48	19	58	6	68	113	24
70 AND OVER	287	24	12	12	24	9	9	2	41	155	32
NO REPORT	38	9	5	4	4	1	13	1	8	3	-------
METEOROLOGY	**6,283**	**1,285**	**652**	**610**	**1,591**	**470**	**306**	**74**	**2,552**	**242**	**233**
24 AND UNDER	312	64	39	25	10	3	6	3	167	44	18
25-29	991	285	176	102	68	14	39	17	493	55	34
30-34	931	277	141	132	137	36	51	6	413	17	30
35-39	1,163	264	128	133	277	75	39	12	521	9	41
40-44	856	156	74	77	320	109	52	11	277	14	26
45-49	1,121	131	52	76	449	142	64	15	378	41	43
50-54	523	69	25	43	182	54	33	8	192	20	19
55-59	245	18	7	11	104	25	16	2	80	10	15
60-64	91	10	3	7	35	10	5	-------	22	14	5
65-69	26	6	4	2	4	2	1	-------	2	11	2
70 AND OVER	16	3	1	2	1	-------	-------	-------	5	7	-------
NO REPORT	8	2	2	-------	4	-------	-------	-------	2	-------	-------
PHYSICS	**29,130**	**14,577**	**8,345**	**4,574**	**4,152**	**3,069**	**5,902**	**227**	**842**	**2,538**	**892**
24 AND UNDER	1,644	642	423	149	36	8	294	15	78	501	78
25-29	7,905	4,489	2,835	1,155	267	141	1,180	35	211	1,443	280
30-34	5,924	3,631	2,136	1,094	444	322	1,219	47	136	298	149
35-39	4,608	2,571	1,421	870	747	575	952	36	103	91	108
40-44	3,704	1,623	816	622	1,000	784	824	34	97	44	82
45-49	2,125	799	362	327	697	556	451	34	72	25	47
50-54	1,292	374	155	165	459	335	330	5	46	20	58
55-59	882	224	92	97	265	193	290	16	42	10	35
60-64	648	150	63	70	174	115	230	4	34	32	24
65-69	242	32	15	14	51	34	93	1	11	36	18
70 AND OVER	95	16	11	4	8	2	28	-------	8	24	9
NO REPORT	61	26	16	7	4	4	11	-------	4	12	4

Appendix Table A-14. Number of scientists, by field, age, and primary work activity, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	PRIMARY WORK ACTIVITY									
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER	NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D					
MATHEMATICS	22,806	7,095	1,943	2,818	4,412	2,242	6,303	1,695	1,782	1,001	518
24 AND UNDER	648	246	82	90	16	9	145	39	74	107	21
25-29	5,547	2,172	695	746	411	202	1,413	538	461	413	139
30-34	5,381	1,911	475	689	915	451	1,324	489	443	205	94
35-39	4,324	1,316	306	559	1,138	590	1,051	315	334	90	80
40-44	2,868	741	175	368	872	464	746	162	240	45	62
45-49	1,602	359	91	191	490	269	521	71	101	21	39
50-54	997	162	46	86	290	141	408	50	50	11	26
55-59	695	117	39	60	147	80	315	18	38	13	27
60-64	436	40	16	19	87	30	242	9	26	15	17
65-69	188	18	10	7	22	4	98	2	7	34	9
70 AND OVER	110	10	7	2	2	———	39	2	7	47	3
NO REPORT	10	3	1	1	2	2	3	———	1	———	1
AGRICULTURAL SCIENCES	10,038	2,516	682	1,692	5,004	1,088	808	315	795	188	412
24 AND UNDER	68	23	10	10	25	4	6	1	10	2	1
25-29	1,182	279	107	155	608	54	61	50	112	31	41
30-34	1,679	424	125	277	848	89	121	63	147	22	54
35-39	1,703	494	142	331	807	146	141	54	126	18	63
40-44	1,659	444	110	312	836	199	119	57	118	11	74
45-49	1,450	394	90	286	714	222	147	36	94	5	60
50-54	1,079	234	49	164	580	171	105	27	83	5	45
55-59	643	114	27	77	372	116	46	15	52	11	33
60-64	353	74	13	55	153	62	46	10	25	20	25
65-69	145	28	6	21	47	21	11	1	19	29	10
70 AND OVER	63	6	1	4	6	2	3	1	8	34	5
NO REPORT	14	2	2	———	8	2	2	———	1	———	1
BIOLOGICAL SCIENCES	29,633	12,150	8,264	3,740	4,831	2,735	7,249	524	2,234	1,348	1,297
24 AND UNDER	308	101	82	18	10	4	35	11	31	112	8
25-29	3,068	1,391	1,123	257	102	44	591	64	236	581	103
30-34	4,644	2,433	1,785	623	268	148	1,145	109	338	230	121
35-39	5,647	2,774	1,870	874	667	392	1,447	82	351	117	209
40-44	5,041	2,150	1,382	741	931	551	1,285	92	339	52	192
45-49	3,773	1,406	843	546	886	542	940	58	286	25	172
50-54	2,899	842	512	317	860	462	715	45	278	22	137
55-59	1,991	493	309	174	597	321	556	31	174	23	117
60-64	1,274	316	187	121	352	180	343	26	101	23	113
65-69	599	147	96	48	118	66	140	4	64	59	67
70 AND OVER	345	83	64	18	35	22	38	1	31	101	56
NO REPORT	44	14	11	3	5	3	14	1	5	3	2
PSYCHOLOGY	19,027	4,530	1,589	2,817	3,528	1,164	4,183	11	5,455	749	571
24 AND UNDER	51	19	5	14	3	1	7	———	12	8	2
25-29	1,597	618	286	324	85	33	340	2	376	127	49
30-34	3,037	1,015	407	581	323	137	767	1	761	104	66
35-39	3,936	1,073	383	664	705	268	875	2	1,094	91	98
40-44	3,688	759	255	479	868	288	748	2	1,146	68	97
45-49	2,605	461	131	311	676	221	548	1	805	45	69
50-54	1,711	273	53	210	419	102	395	1	535	27	61
55-59	1,132	153	27	121	270	65	242	2	379	28	58
60-64	646	99	27	70	132	39	142	———	197	38	38
65-69	325	31	8	22	37	6	82	———	95	68	12
70 AND OVER	255	13	6	6	11	3	28	———	41	145	17
NO REPORT	44	16	1	15	1	1	9	———	14	———	4
STATISTICS	3,042	883	197	566	733	365	560	382	309	100	75
24 AND UNDER	30	10	4	5	1	———	8	4	3	4	———
25-29	474	187	60	105	36	16	89	60	50	37	15
30-34	536	190	43	120	73	41	113	68	56	22	14
35-39	579	182	37	118	151	85	107	66	49	9	15
40-44	471	113	17	80	136	65	78	73	59	5	7
45-49	361	82	9	59	129	65	64	43	35	———	8
50-54	271	59	14	35	99	46	39	39	28	2	5
55-59	176	39	6	30	63	32	29	21	13	4	7
60-64	93	15	4	11	35	10	19	6	12	3	3
65-69	30	4	1	3	8	4	9	1	3	4	1
70 AND OVER	18	2	2	———	1	1	5	———	———	10	———
NO REPORT	3	———	———	———	1	———	———	1	1	———	———

Appendix Table A–14. Number of scientists, by field, age, and primary work activity, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	PRIMARY WORK ACTIVITY								NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D					
ECONOMICS	13,150	2,280	648	1,484	3,752	1,297	3,720	1,118	1,097	719	464
24 AND UNDER	180	46	12	32	13	3	28	18	13	50	12
25-29	1,518	420	144	264	159	44	427	161	127	190	34
30-34	1,996	499	146	325	321	126	669	195	176	94	42
35-39	2,138	405	112	259	533	173	672	228	202	44	54
40-44	2,047	299	78	199	747	260	534	207	162	19	79
45-49	1,910	244	63	159	777	257	503	145	152	21	68
50-54	1,324	150	35	103	563	201	362	85	96	15	53
55-59	889	100	19	71	361	126	238	48	73	21	48
60-64	555	50	17	27	199	76	166	23	40	40	37
65-69	338	46	15	31	59	25	95	6	30	78	24
70 AND OVER	227	14	6	8	15	3	23	-------	21	141	13
NO REPORT	28	7	1	6	5	3	3	2	5	6	-------
SOCIOLOGY	3,640	796	476	314	636	330	1,781	11	146	135	135
24 AND UNDER	5	-------	-------	-------	-------	-------	1	-------	1	3	-------
25-29	145	53	39	12	7	5	58	3	10	10	4
30-34	490	160	110	49	46	30	238	2	18	11	15
35-39	661	207	122	83	93	52	307	1	22	11	20
40-44	651	138	83	55	136	78	324	1	20	12	20
45-49	595	95	46	48	144	77	299	3	28	9	17
50-54	415	71	33	38	98	41	214	1	15	4	12
55-59	286	30	19	11	64	25	162	-------	11	1	18
60-64	172	24	13	11	27	13	98	-------	9	3	11
65-69	107	10	6	4	16	7	51	-------	6	14	10
70 AND OVER	99	6	4	2	3	1	21	-------	6	56	7
NO REPORT	14	2	1	1	2	1	8	-------	-------	1	1
ANTHROPOLOGY	919	203	185	18	109	69	479	-------	48	41	39
24 AND UNDER	1	-------	-------	-------	-------	-------	-------	-------	-------	1	-------
25-29	22	3	3	-------	-------	-------	12	-------	3	3	1
30-34	89	25	24	1	1	-------	56	-------	3	3	1
35-39	192	44	38	6	17	11	114	-------	9	5	3
40-44	198	45	40	5	21	15	113	-------	6	3	10
45-49	139	35	31	4	31	18	61	-------	4	5	3
50-54	107	21	19	2	15	6	59	-------	5	1	6
55-59	77	13	13	-------	13	9	33	-------	6	3	9
60-64	54	12	12	-------	9	9	22	-------	6	3	2
65-69	22	2	2	-------	2	1	7	-------	3	5	3
70 AND OVER	16	3	3	-------	-------	-------	1	-------	2	9	1
NO REPORT	2	-------	-------	-------	-------	-------	1	-------	1	-------	-------
LINGUISTICS	1,269	233	152	80	130	45	628	-------	72	146	60
24 AND UNDER	41	1	1	-------	1	-------	8	-------	4	25	2
25-29	207	44	30	14	5	4	70	-------	17	60	11
30-34	215	47	29	18	10	5	111	-------	10	26	11
35-39	232	57	34	22	26	10	112	-------	14	10	13
40-44	192	24	12	12	26	9	118	-------	10	9	5
45-49	121	19	13	6	25	7	59	-------	6	7	5
50-54	109	14	10	4	14	3	72	-------	5	2	2
55-59	69	13	11	2	17	5	34	-------	1	1	3
60-64	44	4	3	1	5	2	28	-------	3	-------	4
65-69	20	4	4	-------	-------	-------	11	-------	1	-------	4
70 AND OVER	11	3	3	-------	-------	-------	2	-------	1	5	-------
NO REPORT	8	3	2	1	1	-------	3	-------	-------	1	-------
OTHER FIELDS	18,160	3,453	363	1,351	4,586	2,165	3,606	2,688	1,949	1,095	783
24 AND UNDER	1,071	251	41	63	44	3	117	260	116	229	54
25-29	2,930	821	105	271	216	55	569	609	302	308	105
30-34	2,641	681	74	297	406	203	654	425	283	110	82
35-39	2,651	593	50	232	743	406	588	310	284	47	86
40-44	2,672	448	39	201	976	501	470	363	284	36	95
45-49	2,370	327	25	128	944	465	401	328	254	22	94
50-54	1,645	174	11	78	671	293	302	216	180	21	81
55-59	973	68	6	34	340	136	247	104	116	24	74
60-64	609	53	6	31	170	68	170	48	71	41	56
65-69	347	19	2	9	56	27	70	12	37	122	31
70 AND OVER	211	10	4	4	11	5	16	6	17	132	19
NO REPORT	40	8	-------	3	9	3	2	7	5	3	6

(A) INCLUDES DEVELOPMENT AND DESIGN.
(B) INCLUDES MANAGEMENT AND ADMINISTRATION, OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–15. Number of scientists, by field, years of professional experience, and primary work activity, 1966

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	PRIMARY WORK ACTIVITY								NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D					
ALL FIELDS	242,763	80,821	38,293	31,077	49,921	24,448	44,626	16,419	26,702	14,783	9,491
1 YEAR	12,967	5,063	3,331	1,241	400	100	1,728	786	1,134	3,205	651
2 TO 4	36,907	16,716	9,514	5,149	2,063	704	7,559	2,433	3,337	3,701	1,098
5 TO 9	48,430	20,207	9,385	7,628	6,089	2,650	10,471	3,472	5,082	1,768	1,341
10 TO 14	39,083	13,866	6,030	5,868	8,616	4,526	7,316	2,384	5,158	518	1,225
15 TO 19	35,419	9,884	3,769	4,582	10,835	5,441	5,741	2,610	4,915	314	1,120
20 TO 24	19,488	4,917	1,932	2,274	6,634	3,501	3,365	1,429	2,178	227	738
25 TO 29	16,036	3,415	1,258	1,600	6,128	3,119	2,670	1,216	1,694	180	733
30 TO 34	11,077	2,053	759	998	4,092	1,919	2,085	748	1,167	327	605
35 TO 39	6,569	1,110	469	495	2,047	1,043	1,397	363	664	558	430
40 OR MORE	5,851	749	380	301	1,049	507	1,145	177	627	1,631	473
NO REPORT	10,936	2,941	1,466	941	1,968	938	1,149	801	746	2,354	1,277
CHEMISTRY	65,917	27,105	12,758	9,362	12,990	8,225	5,987	8,814	2,377	5,352	3,292
1 YEAR	5,320	2,249	1,490	514	112	27	501	435	264	1,443	316
2 TO 4	9,700	5,403	3,302	1,365	275	131	1,066	1,185	293	1,130	348
5 TO 9	10,699	5,814	2,830	1,905	987	608	1,230	1,532	299	462	375
10 TO 14	9,148	4,355	1,814	1,696	1,937	1,398	834	1,237	284	127	374
15 TO 19	8,879	3,385	1,157	1,416	2,692	1,753	655	1,462	281	65	339
20 TO 24	5,647	1,868	642	813	1,944	1,260	430	892	214	54	245
25 TO 29	5,169	1,440	450	649	2,035	1,267	380	789	204	55	266
30 TO 34	3,322	769	220	367	1,304	765	274	483	152	101	239
35 TO 39	1,950	382	127	166	625	392	207	237	111	228	160
40 OR MORE	1,859	229	99	89	330	187	206	118	121	687	168
NO REPORT	4,224	1,211	627	382	749	437	204	444	154	1,000	462
EARTH SCIENCES	19,749	3,715	2,039	1,651	3,467	1,184	3,114	560	7,044	1,129	720
1 YEAR	779	202	133	67	26	6	205	34	135	145	32
2 TO 4	2,554	740	463	268	106	32	644	90	627	270	77
5 TO 9	3,646	862	480	378	360	119	758	126	1,314	134	92
10 TO 14	3,676	647	317	327	587	201	468	117	1,707	51	99
15 TO 19	4,008	581	293	285	1,006	311	352	106	1,795	45	123
20 TO 24	1,363	191	86	103	396	163	198	29	458	35	56
25 TO 29	1,207	171	91	79	387	153	170	18	374	30	57
30 TO 34	940	117	47	70	302	94	117	16	279	59	50
35 TO 39	575	55	36	18	156	56	91	10	158	71	34
40 OR MORE	593	67	42	25	88	32	73	5	121	189	50
NO REPORT	408	82	51	31	53	17	38	9	76	100	50
METEOROLOGY	6,283	1,285	652	610	1,591	470	306	74	2,552	242	233
1 YEAR	479	87	59	28	11	5	13	4	292	55	17
2 TO 4	779	246	154	88	77	13	45	12	333	36	30
5 TO 9	994	315	161	148	179	44	56	10	376	17	41
10 TO 14	1,028	245	110	130	234	78	40	11	475	5	18
15 TO 19	996	151	68	78	304	84	40	17	430	28	26
20 TO 24	948	113	49	61	381	118	46	10	344	18	36
25 TO 29	529	45	15	30	234	82	39	5	163	16	27
30 TO 34	153	20	5	15	61	21	16	2	39	10	5
35 TO 39	87	7	3	4	39	11	4	1	21	8	7
40 OR MORE	39	9	6	3	5	1	1	------	8	15	1
NO REPORT	251	47	22	25	66	13	6	2	71	34	25
PHYSICS	29,130	14,577	8,345	4,574	4,152	3,069	5,902	227	842	2,538	892
1 YEAR	2,559	1,204	895	222	51	21	287	9	53	832	123
2 TO 4	6,883	4,019	2,577	1,052	208	99	1,398	37	208	828	185
5 TO 9	6,608	4,016	2,199	1,283	552	387	1,396	42	170	272	160
10 TO 14	4,136	2,183	1,148	798	770	600	912	48	100	34	89
15 TO 19	3,209	1,397	614	591	946	751	631	32	107	20	76
20 TO 24	1,690	612	279	253	578	448	371	22	47	22	38
25 TO 29	1,236	374	165	151	491	383	260	13	49	10	39
30 TO 34	806	207	83	96	257	182	246	11	36	16	33
35 TO 39	539	128	57	54	169	115	164	4	30	17	27
40 OR MORE	395	58	31	23	83	51	153	3	25	50	23
NO REPORT	1,069	379	297	51	47	32	84	6	17	437	99

Appendix Table A–15. Number of scientists, by field, years of professional experience, and primary work activity, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	PRIMARY WORK ACTIVITY								NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D					
MATHEMATICS	22,806	7,095	1,943	2,818	4,412	2,242	6,303	1,695	1,782	1,001	518
1 YEAR	311	123	72	32	3	------	104	15	23	29	14
2 TO 4	4,339	1,623	600	563	191	90	1,284	344	367	430	100
5 TO 9	7,000	2,544	584	923	1,010	480	1,797	714	568	245	122
10 TO 14	4,187	1,305	280	553	1,190	635	968	279	319	59	67
15 TO 19	2,631	669	147	364	871	470	661	128	224	28	50
20 TO 24	1,151	246	64	136	386	215	365	53	68	15	18
25 TO 29	799	125	36	69	263	131	300	31	48	5	27
30 TO 34	540	79	28	36	150	71	245	16	33	8	9
35 TO 39	353	39	14	18	87	35	169	7	22	14	15
40 OR MORE	292	29	18	10	44	10	138	4	17	50	10
NO REPORT	1,203	313	100	114	217	105	272	104	93	116	86
AGRICULTURAL SCIENCES	10,038	2,516	682	1,692	5,004	1,088	808	315	795	188	412
1 YEAR	164	61	26	31	44	7	18	3	19	11	8
2 TO 4	1,199	329	110	196	540	63	89	54	119	24	44
5 TO 9	2,088	578	169	385	1,029	115	153	66	165	28	69
10 TO 14	1,704	498	147	330	815	163	136	54	126	12	63
15 TO 19	1,900	461	105	329	1,016	262	146	65	129	5	78
20 TO 24	821	182	37	140	433	134	88	16	62	3	37
25 TO 29	748	152	33	105	413	119	64	20	54	8	37
30 TO 34	683	119	19	87	403	112	54	17	53	11	26
35 TO 39	291	50	13	34	148	68	29	5	21	22	16
40 OR MORE	182	32	7	22	53	25	17	4	21	42	13
NO REPORT	258	54	16	33	110	20	14	11	26	22	21
BIOLOGICAL SCIENCES	29,633	12,150	8,264	3,740	4,831	2,735	7,249	524	2,234	1,348	1,297
1 YEAR	1,046	507	422	83	21	9	161	6	96	217	38
2 TO 4	3,874	1,949	1,507	425	157	87	916	72	290	393	97
5 TO 9	5,782	2,902	2,017	854	437	240	1,564	130	377	205	167
10 TO 14	5,220	2,383	1,590	769	801	479	1,352	86	309	70	219
15 TO 19	4,218	1,637	998	609	917	529	1,067	89	316	37	155
20 TO 24	2,747	986	582	376	713	421	665	38	222	15	128
25 TO 29	2,121	587	353	222	647	357	524	28	211	10	114
30 TO 34	1,621	425	267	149	496	264	411	26	153	22	88
35 TO 39	1,055	261	158	98	322	180	263	24	83	27	75
40 OR MORE	803	174	125	45	167	93	180	5	78	104	95
NO REPORT	1,146	359	245	110	153	76	146	20	99	248	121
PSYCHOLOGY	19,027	4,530	1,589	2,817	3,528	1,164	4,183	11	5,455	749	571
1 YEAR	502	186	102	83	21	6	120	------	97	60	18
2 TO 4	2,497	890	381	500	168	69	584	1	641	145	68
5 TO 9	4,160	1,262	434	791	491	197	1,000	3	1,150	143	111
10 TO 14	4,153	987	307	648	841	301	837	3	1,301	74	110
15 TO 19	3,261	558	174	362	886	278	647	1	1,060	30	79
20 TO 24	1,430	234	70	154	386	115	310	1	417	28	54
25 TO 29	1,032	134	40	91	278	69	255	1	304	23	37
30 TO 34	796	96	25	68	246	63	178	------	212	29	35
35 TO 39	446	67	19	45	93	30	99	1	115	53	18
40 OR MORE	435	51	13	36	55	12	95	------	92	125	17
NO REPORT	315	65	24	39	63	24	58	------	66	39	24
STATISTICS	3,042	883	197	566	733	365	560	382	309	100	75
1 YEAR	38	12	6	5	------	------	15	4	3	3	1
2 TO 4	423	160	56	84	20	11	97	51	47	32	16
5 TO 9	733	274	58	184	101	55	144	104	69	23	18
10 TO 14	499	134	21	91	152	75	91	55	52	6	9
15 TO 19	495	121	18	80	167	91	72	65	58	4	8
20 TO 24	241	58	12	38	85	34	31	29	30	5	3
25 TO 29	213	43	10	28	83	36	34	29	17	1	6
30 TO 34	123	17	1	13	55	27	21	14	13	2	1
35 TO 39	66	15	6	9	22	10	13	5	7	3	1
40 OR MORE	40	1	1	------	8	3	17	------	3	9	2
NO REPORT	171	48	8	33	40	23	25	26	10	12	10

Appendix Table A–15. Number of scientists, by field, years of professional experience, and primary work activity, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	PRIMARY WORK ACTIVITY								NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D					
ECONOMICS	13,150	2,280	648	1,484	3,752	1,297	3,720	1,118	1,097	719	464
1 YEAR	551	149	48	96	45	13	151	28	41	118	19
2 TO 4	1,726	494	159	322	161	55	647	120	133	134	37
5 TO 9	2,241	524	146	343	394	147	802	209	195	60	57
10 TO 14	1,832	346	98	217	501	168	551	193	171	20	50
15 TO 19	2,138	271	65	184	813	283	539	240	188	15	72
20 TO 24	1,218	136	45	86	523	186	299	111	93	10	46
25 TO 29	1,114	120	23	84	537	190	244	70	88	9	46
30 TO 34	772	80	21	49	334	111	184	49	61	36	28
35 TO 39	453	38	12	23	168	58	116	21	38	47	25
40 OR MORE	464	40	13	26	95	35	89	10	52	143	35
NO REPORT	641	82	18	54	181	51	98	67	37	127	49
SOCIOLOGY	3,640	798	476	314	636	330	1,781	11	146	135	135
1 YEAR	41	15	13	2	------	------	16	1	3	4	2
2 TO 4	278	91	67	22	19	17	146	------	8	7	7
5 TO 9	813	250	150	98	81	46	400	4	28	24	26
10 TO 14	657	141	83	58	134	77	317	4	31	7	23
15 TO 19	628	134	68	66	145	78	302	1	23	7	16
20 TO 24	322	43	21	21	65	27	189	1	12	4	8
25 TO 29	227	29	13	16	62	25	117	------	10	1	8
30 TO 34	209	21	14	7	57	27	100	------	15	4	12
35 TO 39	130	20	13	7	25	7	62	------	5	11	7
40 OR MORE	144	11	6	5	14	7	57	------	7	43	12
NO REPORT	191	41	28	12	34	19	75	------	4	23	14
ANTHROPOLOGY	919	203	185	18	109	69	479	------	48	41	39
1 YEAR	12	------	------	------	------	------	7	------	1	4	------
2 TO 4	96	25	22	3	1	------	59	------	5	2	4
5 TO 9	187	47	44	3	12	6	111	------	6	8	3
10 TO 14	191	46	40	6	28	18	101	------	6	3	7
15 TO 19	129	24	20	4	22	16	69	------	7	3	4
20 TO 24	82	21	19	2	18	9	37	------	3	1	2
25 TO 29	54	14	14	------	5	1	24	------	6	1	4
30 TO 34	59	9	9	------	13	11	25	------	4	4	4
35 TO 39	41	6	6	------	6	5	15	------	6	3	5
40 OR MORE	21	7	7	------	2	1	4	------	2	6	------
NO REPORT	47	4	4	------	2	2	27	------	2	6	6
LINGUISTICS	1,269	233	152	80	130	45	628	------	72	146	60
1 YEAR	92	16	14	2	1	1	29	------	5	37	4
2 TO 4	219	43	28	15	4	3	96	------	17	48	11
5 TO 9	270	65	40	24	22	8	136	------	16	18	13
10 TO 14	234	44	24	20	28	11	132	------	12	8	10
15 TO 19	118	19	9	10	20	8	70	------	4	------	5
20 TO 24	96	8	6	2	22	6	57	------	8	------	1
25 TO 29	50	7	6	1	10	2	30	------	2	------	1
30 TO 34	53	13	12	1	11	2	25	------	2	------	2
35 TO 39	38	3	2	1	4	2	27	------	1	------	3
40 OR MORE	25	5	5	------	1	------	9	------	3	3	4
NO REPORT	74	10	6	4	7	2	17	------	2	32	6
OTHER FIELDS	18,160	3,453	363	1,351	4,586	2,165	3,606	2,688	1,949	1,095	783
1 YEAR	1,073	252	51	76	65	5	101	247	102	247	59
2 TO 4	2,340	704	88	246	136	34	488	467	249	222	74
5 TO 9	3,209	754	73	309	434	198	924	532	349	129	87
10 TO 14	2,418	552	51	225	598	322	577	297	265	42	87
15 TO 19	2,809	476	33	204	1,030	527	490	404	293	27	89
20 TO 24	1,732	239	20	89	704	365	279	227	200	17	66
25 TO 29	1,537	174	9	74	683	304	229	212	164	11	64
30 TO 34	1,000	81	8	40	403	169	189	114	115	25	73
35 TO 39	545	39	3	18	183	74	138	48	46	54	37
40 OR MORE	559	36	7	17	104	50	106	28	77	165	43
NO REPORT	938	146	20	53	246	117	85	112	89	156	104

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–16. Median annual salaries of full-time employed civilian scientists, by field, highest degree, and type of employer, 1966

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	12,000	9,600	12,000	12,100	9,900	13,000	13,000	17,000	11,500	12,000
PH.D	13,200	10,500	12,800	14,000	12,100	14,500	16,000	20,000	13,000	14,000
PROFESSIONAL MEDICAL	17,200	13,000	16,500	18,800	18,000	18,000	20,000	25,000	-------	17,000
MASTER'S	10,700	8,000	9,300	12,000	9,300	11,500	12,600	15,000	11,000	10,000
BACHELOR'S	11,000	6,500	7,800	10,800	8,600	10,500	11,500	15,000	10,000	10,100
LESS THAN BACHELOR'S	11,000	-------	8,600	10,600	8,600	10,400	12,000	12,000	-------	-------
NO REPORT	11,500	10,200	10,000	11,000	10,400	11,500	12,000	18,000	-------	-------
CHEMISTRY	12,000	9,500	11,000	12,000	9,700	12,000	12,800	15,000	11,500	12,000
PH.D	14,000	10,000	12,000	13,900	13,000	13,900	15,000	17,500	14,500	14,000
PROFESSIONAL MEDICAL	15,500	-------	15,000	15,600	-------	15,000	-------	-------	-------	-------
MASTER'S	11,600	8,000	8,200	11,700	9,900	10,000	12,100	15,000	12,000	10,100
BACHELOR'S	10,500	5,900	6,400	10,500	8,800	8,500	10,900	15,000	10,000	10,000
LESS THAN BACHELOR'S	10,800	-------	-------	-------	-------	-------	11,000	-------	-------	-------
NO REPORT	11,000	9,800	8,000	11,100	-------	-------	11,500	-------	-------	-------
EARTH SCIENCES	11,400	9,500	11,000	11,800	9,500	12,000	12,000	13,200	11,500	-------
PH.D	12,000	10,500	12,800	13,800	11,400	13,000	14,400	15,000	-------	-------
PROFESSIONAL MEDICAL	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MASTER'S	10,500	7,900	8,900	11,700	9,400	10,800	11,400	14,000	-------	-------
BACHELOR'S	11,600	7,200	7,200	11,300	9,000	9,600	12,000	13,000	-------	-------
LESS THAN BACHELOR'S	12,000	-------	-------	13,000	-------	-------	12,000	-------	-------	-------
NO REPORT	12,000	-------	-------	-------	-------	-------	12,000	-------	-------	-------
METEOROLOGY	11,700	10,100	12,000	11,700	10,100	14,000	12,000	-------	-------	-------
PH.D	15,000	11,800	13,000	16,200	-------	15,800	18,500	-------	-------	-------
PROFESSIONAL MEDICAL	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MASTER'S	12,400	8,400	9,600	12,900	-------	13,200	13,000	-------	-------	-------
BACHELOR'S	11,400	-------	8,000	11,700	10,000	12,000	11,700	-------	-------	-------
LESS THAN BACHELOR'S	10,000	-------	-------	9,900	-------	-------	10,200	-------	-------	-------
NO REPORT	10,500	-------	-------	10,000	-------	-------	11,200	-------	-------	-------
PHYSICS	12,500	9,600	11,000	12,900	9,300	14,400	14,600	20,000	10,000	12,000
PH.D	14,400	11,000	12,000	15,700	9,600	15,600	17,000	-------	-------	-------
PROFESSIONAL MEDICAL	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MASTER'S	11,000	8,100	9,100	12,500	10,000	12,800	13,200	-------	-------	-------
BACHELOR'S	10,600	6,400	7,500	11,000	8,400	11,000	11,800	18,000	-------	-------
LESS THAN BACHELOR'S	12,000	-------	-------	-------	-------	-------	12,200	-------	-------	-------
NO REPORT	12,800	-------	-------	-------	-------	-------	14,100	-------	-------	-------
MATHEMATICS	12,000	9,100	11,000	12,900	10,400	14,800	13,500	20,500	11,300	-------
PH.D	13,000	10,700	13,600	18,200	13,300	19,200	18,000	-------	-------	-------
PROFESSIONAL MEDICAL	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MASTER'S	10,900	7,600	8,900	13,000	10,000	15,000	13,500	20,500	13,500	-------
BACHELOR'S	12,300	6,600	9,000	11,700	9,600	13,000	12,900	20,400	11,100	-------
LESS THAN BACHELOR'S	12,000	-------	-------	13,500	-------	12,900	12,000	-------	-------	-------
NO REPORT	12,000	10,400	-------	12,600	-------	12,700	12,000	-------	-------	-------
AGRICULTURAL SCIENCES	10,000	9,000	12,000	10,000	8,200	12,000	10,000	11,000	-------	-------
PH.D	12,800	10,000	13,000	12,900	12,000	14,000	13,800	-------	-------	-------
PROFESSIONAL MEDICAL	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MASTER'S	9,900	8,000	10,200	10,300	8,400	10,700	10,100	12,000	-------	-------
BACHELOR'S	9,100	-------	10,000	9,600	7,900	10,000	9,400	10,000	-------	-------
LESS THAN BACHELOR'S	9,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	9,400	-------	-------	-------	-------	-------	-------	-------	-------	-------
BIOLOGICAL SCIENCES	12,000	9,500	13,100	12,500	10,400	14,000	13,900	20,000	11,000	15,000
PH.D	12,500	10,000	13,000	13,400	12,900	14,000	15,000	24,000	11,500	15,500
PROFESSIONAL MEDICAL	17,500	12,600	16,700	19,400	18,000	18,000	20,500	25,000	-------	19,000
MASTER'S	9,000	7,900	8,500	10,500	9,200	9,000	11,400	14,000	-------	-------
BACHELOR'S	9,000	6,400	7,500	10,000	8,600	7,500	10,000	13,500	-------	-------
LESS THAN BACHELOR'S	9,600	-------	-------	-------	-------	-------	12,000	-------	-------	-------
NO REPORT	10,400	-------	12,000	-------	-------	10,000	11,600	-------	-------	-------
PSYCHOLOGY	11,500	10,000	12,000	13,400	10,400	11,500	15,100	20,000	11,500	11,100
PH.D	12,100	10,300	12,500	13,800	12,000	12,600	17,500	20,000	13,000	12,000
PROFESSIONAL MEDICAL	16,300	-------	-------	-------	-------	-------	-------	-------	-------	-------
MASTER'S	9,800	9,000	10,000	12,300	9,000	9,500	13,000	17,000	9,400	9,500
BACHELOR'S	11,000	8,100	9,500	13,800	9,600	-------	15,000	-------	-------	-------
LESS THAN BACHELOR'S	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

Appendix Table A–16. Median annual salaries of full-time employed civilian scientists, by field, highest degree, and type of employer, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
STATISTICS	12,800	10,000	13,000	14,300	10,800	13,800	13,000	-------	-------	-------
PH.D	13,800	11,200	13,500	17,000	-------	17,000	17,000	-------	-------	-------
PROFESSIONAL MEDICAL	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MASTER'S	12,200	8,000	11,000	14,300	10,500	12,200	13,000	-------	-------	-------
BACHELOR'S	12,300	-------	-------	13,700	10,000	11,700	12,000	-------	-------	-------
LESS THAN BACHELOR'S	12,500	-------	-------	-------	-------	-------	13,000	-------	-------	-------
NO REPORT	11,500	-------	-------	-------	-------	-------	10,800	-------	-------	-------
ECONOMICS	13,100	10,500	13,000	14,700	13,000	16,200	15,300	18,000	15,000	15,000
PH.D	13,500	11,400	14,000	16,200	16,600	18,500	20,000	-------	-------	-------
PROFESSIONAL MEDICAL	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MASTER'S	12,000	8,400	10,500	13,800	11,500	14,000	14,000	18,000	-------	-------
BACHELOR'S	14,700	8,500	11,900	13,400	12,000	14,000	15,000	18,000	-------	-------
LESS THAN BACHELOR'S	16,500	-------	-------	-------	-------	-------	18,000	-------	-------	-------
NO REPORT	14,500	10,000	-------	-------	-------	-------	16,500	-------	-------	-------
SOCIOLOGY	11,300	10,000	12,500	14,700	11,500	14,000	15,000	-------	14,000	-------
PH.D	11,800	10,500	13,000	15,200	12,100	15,000	-------	-------	14,000	-------
PROFESSIONAL MEDICAL	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MASTER'S	9,600	8,100	9,200	14,200	11,200	12,000	15,000	-------	-------	-------
BACHELOR'S	11,700	-------	-------	-------	-------	-------	-------	-------	-------	-------
LESS THAN BACHELOR'S	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ANTHROPOLOGY	11,500	10 600	13,000	15,800	-------	-------	-------	-------	10,600	-------
PH.D	11,600	11,000	13,000	16,200	-------	-------	-------	-------	11,100	-------
PROFESSIONAL MEDICAL	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MASTER'S	8,700	-------	-------	-------	-------	-------	-------	-------	-------	-------
BACHELOR'S	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LESS THAN BACHELOR'S	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS	10,000	10,000	10,500	12,000	-------	6,000	13,800	-------	-------	-------
PH.D	11,000	10,500	12,000	-------	-------	6,000	-------	-------	-------	-------
PROFESSIONAL MEDICAL	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MASTER'S	8,200	7,800	8,200	-------	-------	-------	-------	-------	-------	-------
BACHELOR'S	6,800	-------	-------	-------	-------	-------	-------	-------	-------	-------
LESS THAN BACHELOR'S	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	10,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER FIELDS	12,000	8,600	10,600	13,400	10,700	14,500	13,000	17,500	10,800	12,000
PH.D	14,800	11,000	14,800	18,500	13,000	16,800	16,900	-------	-------	-------
PROFESSIONAL MEDICAL	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
MASTER'S	11,000	8,100	9,000	13,800	11,000	14,000	13,500	20,000	11,000	-------
BACHELOR'S	11,500	6,200	7,500	12,500	9,900	11,600	12,000	16,000	10,000	-------
LESS THAN BACHELOR'S	12,000	-------	-------	-------	-------	-------	12,200	-------	-------	-------
NO REPORT	12,600	-------	-------	-------	-------	-------	13,000	-------	-------	-------

NOTE - NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–17. Median annual salaries of full-time employed civilian scientists, by field, age, and type of employer, 1966

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	12,000	9,600	12,000	12,100	9,900	13,000	13,000	17,000	11,500	12,000
24 AND UNDER	7,500	5,400	5,300	7,300	6,600	6,500	7,900	-------	-------	-------
25-29	8,600	7,500	7,800	8,500	7,200	8,800	9,400	9,000	8,600	7,500
30-34	10,200	8,700	10,000	10,200	8,700	11,000	12,000	13,000	9,600	9,600
35-39	12,000	9,700	12,000	11,700	10,000	13,200	13,200	15,000	12,000	12,000
40-44	13,400	10,500	13,500	13,000	10,400	15,500	14,700	18,000	12,500	14,000
45-49	14,300	11,400	15,000	13,800	11,000	16,200	15,500	18,000	14,000	14,000
50-54	14,800	11,700	15,300	14,300	11,400	17,000	16,000	18,500	12,500	14,300
55-59	14,700	11,900	15,200	15,200	11,500	16,000	16,400	17,500	14,500	13,000
60-64	15,000	12,000	15,200	16,000	12,000	17,000	17,000	17,000	12,000	15,000
65-69	14,300	12,000	15,000	16,700	13,200	15,300	15,600	18,000	-------	-------
70 AND OVER	12,000	10,500	12,000	15,600	10,300	16,000	14,000	15,000	-------	-------
NO REPORT	10,500	8,800	10,100	12,000	-------	-------	11,000	-------	-------	-------
CHEMISTRY	12,000	9,500	11,000	12,000	9,700	12,000	12,800	15,000	11,500	12,000
24 AND UNDER	7,300	4,500	4,800	7,200	-------	6,000	7,600	-------	-------	-------
25-29	8,500	7,900	7,000	8,500	7,200	7,700	8,900	-------	7,900	-------
30-34	10,300	8,800	9,000	10,200	8,600	10,000	11,400	-------	9,600	10,000
35-39	12,100	9,700	12,000	11,700	10,100	12,000	12,900	12,000	11,800	12,700
40-44	13,500	10,800	13,300	12,500	10,700	14,000	14,000	15,000	12,200	12,600
45-49	14,700	11,500	15,300	13,800	10,900	15,100	15,000	16,000	14,400	-------
50-54	15,000	12,000	16,000	14,400	11,300	15,500	15,400	18,000	13,000	13,200
55-59	15,000	11,800	15,500	15,000	11,000	13,400	15,000	17,000	-------	-------
60-64	15,000	12,000	15,500	15,200	12,000	13,500	15,700	17,000	-------	-------
65-69	14,000	11,500	14,800	15,600	-------	-------	15,000	-------	-------	-------
70 AND OVER	13,500	-------	-------	-------	-------	-------	13,200	-------	-------	-------
NO REPORT	10,500	-------	-------	-------	-------	-------	10,800	-------	-------	-------
EARTH SCIENCES	11,400	9,500	11,000	11,800	9,500	12,000	12,000	13,200	11,500	-------
24 AND UNDER	7,000	-------	-------	-------	-------	-------	7,800	-------	-------	-------
25-29	8,100	7,500	7,600	8,000	7,500	7,500	8,500	-------	-------	-------
30-34	9,500	8,400	9,000	9,500	9,000	10,700	10,000	12,000	-------	-------
35-39	11,000	9,200	10,800	11,000	9,700	12,500	11,500	12,000	-------	-------
40-44	12,500	10,200	12,900	12,500	10,100	12,500	13,000	14,400	-------	-------
45-49	13,500	11,500	14,700	13,800	11,000	-------	14,400	14,000	-------	-------
50-54	14,300	11,400	14,500	13,900	11,500	-------	16,000	15,000	-------	-------
55-59	15,200	12,500	14,900	15,600	-------	-------	17,000	17,500	-------	-------
60-64	15,500	12,800	14,600	15,700	-------	-------	18,600	15,000	-------	-------
65-69	15,600	14,000	-------	16,200	-------	-------	16,000	-------	-------	-------
70 AND OVER	12,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	10,300	-------	-------	-------	-------	-------	-------	-------	-------	-------
METEOROLOGY	11,700	10,100	12,000	11,700	10,100	14,000	12,000	-------	-------	-------
24 AND UNDER	6,200	-------	-------	-------	-------	-------	-------	-------	-------	-------
25-29	9,000	-------	9,000	8,700	-------	-------	9,500	-------	-------	-------
30-34	10,400	8,800	10,500	10,500	-------	11,900	11,100	-------	-------	-------
35-39	11,700	9,900	12,000	11,700	-------	14,000	12,100	-------	-------	-------
40-44	12,700	11,600	13,800	12,000	-------	16,200	14,000	-------	-------	-------
45-49	12,500	12,300	15,400	12,100	-------	16,000	12,600	-------	-------	-------
50-54	12,300	11,200	-------	12,100	-------	-------	12,300	-------	-------	-------
55-59	12,300	-------	-------	12,100	-------	-------	15,000	-------	-------	-------
60-64	12,800	-------	-------	12,500	-------	-------	-------	-------	-------	-------
65-69	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
70 AND OVER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PHYSICS	12,500	9,600	11,000	12,900	9,300	14,400	14,600	20,000	10,000	12,000
24 AND UNDER	7,500	5,300	5,100	8,000	-------	-------	8,400	-------	-------	-------
25-29	9,000	7,300	8,400	9,300	6,000	9,500	10,200	-------	-------	-------
30-34	11,100	9,000	10,300	11,500	8,300	12,600	13,200	-------	-------	-------
35-39	13,800	10,300	13,000	13,800	-------	15,000	15,600	-------	-------	-------
40-44	15,600	11,400	15,000	15,500	-------	17,500	17,600	-------	-------	-------
45-49	16,500	12,000	16,800	16,200	-------	18,900	18,000	-------	-------	-------
50-54	16,600	12,000	16,000	17,600	-------	23,000	19,300	-------	-------	-------
55-59	15,700	11,200	15,000	19,400	-------	20,000	18,000	-------	-------	-------
60-64	16,000	12,000	15,200	19,400	-------	-------	18,600	-------	-------	-------
65-69	15,000	12,000	15,000	18,800	-------	-------	-------	-------	-------	-------
70 AND OVER	10,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	11,000	-------	-------	-------	-------	-------	-------	-------	-------	-------

Appendix Table A–17. Median annual salaries of full-time employed civilian scientists, by field, age, and type of employer, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
MATHEMATICS	12,000	9,100	11,000	12,900	10,400	14,800	13,500	20,500	11,300	-------
24 AND UNDER	8,000	6,300	-------	-------	-------	-------	8,700	-------	-------	-------
25-29	9,500	7,500	8,400	9,600	8,200	10,800	10,500	-------	9,500	-------
30-34	11,500	8,800	10,100	11,700	9,800	13,000	13,000	-------	-------	-------
35-39	13,500	9,900	12,000	13,000	11,000	15,700	15,100	-------	-------	-------
40-44	15,000	11,000	13,300	16,000	11,400	18,100	17,000	-------	-------	-------
45-49	15,000	11,400	15,000	16,200	-------	20,000	18,000	-------	-------	-------
50-54	14,600	11,500	13,600	15,700	-------	20,000	19,000	-------	-------	-------
55-59	14,300	10,700	13,400	16,200	-------	-------	20,000	-------	-------	-------
60-64	13,400	11,300	13,500	-------	-------	-------	23,000	-------	-------	-------
65-69	12,300	11,300	-------	-------	-------	-------	-------	-------	-------	-------
70 AND OVER	11,900	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
AGRICULTURAL SCIENCES	10,000	9,000	12,000	10,000	8,200	12,000	10,000	11,000	-------	-------
24 AND UNDER	6,300	-------	-------	-------	-------	-------	-------	-------	-------	-------
25-29	6,900	-------	8,300	6,900	6,400	-------	7,300	-------	-------	-------
30-34	8,300	7,500	9,800	8,200	7,400	-------	8,400	-------	-------	-------
35-39	9,800	8,800	10,800	9,900	8,400	-------	10,000	-------	-------	-------
40-44	10,500	9,400	12,000	11,000	8,800	-------	10,500	-------	-------	-------
45-49	12,000	-------	13,500	11,700	9,700	-------	12,000	-------	-------	-------
50-54	12,500	-------	14,200	12,500	9,600	-------	12,300	-------	-------	-------
55-59	13,800	-------	14,400	14,000	10,200	-------	13,000	-------	-------	-------
60-64	14,000	-------	14,200	14,300	11,300	-------	14,000	-------	-------	-------
65-69	13,300	-------	14,000	-------	-------	-------	-------	-------	-------	-------
70 AND OVER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
BIOLOGICAL SCIENCES	12,000	9,500	13,100	12,500	10,400	14,000	13,900	20,000	11,000	15,000
24 AND UNDER	5,600	-------	-------	-------	-------	-------	-------	-------	-------	-------
25-29	7,200	7,000	7,200	7,600	6,400	5,900	8,500	-------	-------	-------
30-34	9,500	8,400	10,000	9,600	8,600	9,000	11,500	-------	-------	-------
35-39	11,500	9,400	12,400	11,500	9,800	13,500	13,200	20,000	-------	12,000
40-44	13,400	10,100	14,400	13,400	10,500	16,000	15,000	20,000	-------	16,000
45-49	14,500	11,000	16,000	13,800	10,800	17,500	15,400	21,600	-------	19,000
50-54	15,000	11,600	16,400	15,000	12,000	19,800	17,000	24,000	-------	-------
55-59	15,600	12,500	17,000	15,200	14,000	19,500	18,500	18,000	-------	-------
60-64	15,500	12,000	16,500	16,200	13,700	18,900	16,700	-------	-------	-------
65-69	15,200	12,000	16,000	18,800	-------	20,000	-------	-------	-------	-------
70 AND OVER	12,000	-------	12,000	-------	-------	-------	-------	-------	-------	-------
NO REPORT	8,900	-------	-------	-------	-------	-------	-------	-------	-------	-------
PSYCHOLOGY	11,500	10,000	12,000	13,400	10,400	11,500	15,100	20,000	11,500	11,100
24 AND UNDER	7,100	-------	-------	-------	-------	-------	-------	-------	-------	-------
25-29	8,300	8,300	9,000	8,500	7,800	8,000	10,200	-------	-------	-------
30-34	9,900	9,000	10,500	11,300	9,700	10,500	13,000	17,500	9,400	-------
35-39	11,400	9,900	12,000	12,500	10,800	12,000	15,000	20,000	12,500	9,700
40-44	12,400	10,600	12,800	13,800	11,200	13,300	17,200	23,000	13,000	12,600
45-49	13,000	11,200	13,200	14,200	11,700	13,500	18,000	20,000	12,500	-------
50-54	13,000	11,700	13,800	14,200	11,000	13,500	17,500	20,000	10,400	-------
55-59	12,600	11,400	13,300	14,200	11,000	11,000	18,000	17,000	-------	-------
60-64	12,700	11,800	14,500	13,900	10,900	-------	-------	15,000	-------	-------
65-69	12,100	12,000	12,500	-------	-------	-------	-------	-------	-------	-------
70 AND OVER	10,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	10,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
STATISTICS	12,800	10,000	13,000	14,300	10,800	13,800	13,000	-------	-------	-------
24 AND UNDER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
25-29	9,500	8,300	10,300	9,300	-------	-------	10,000	-------	-------	-------
30-34	11,000	9,000	11,000	11,000	-------	-------	12,000	-------	-------	-------
35-39	13,000	10,500	13,000	13,400	-------	15,000	14,000	-------	-------	-------
40-44	13,800	11,500	14,000	14,700	-------	-------	14,000	-------	-------	-------
45-49	15,000	12,600	16,500	16,000	-------	-------	15,000	-------	-------	-------
50-54	15,700	13,600	16,000	16,200	-------	-------	15,000	-------	-------	-------
55-59	15,200	-------	-------	16,400	-------	-------	14,800	-------	-------	-------
60-64	16,000	-------	-------	16,700	-------	-------	-------	-------	-------	-------
65-69	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
70 AND OVER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

Appendix Table A–17. Median annual salaries of full-time employed civilian scientists, by field, age, and type of employer, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND AGE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ECONOMICS	13,100	10,500	13,000	14,700	13,000	16,200	15,300	18,000	15,000	15,000
24 AND UNDER	7,500	-------	-------	-------	-------	-------	7,900	-------	-------	-------
25-29	9,200	8,700	9,800	9,000	10,000	10,000	9,700	-------	-------	-------
30-34	10,500	9,200	11,000	11,000	11,000	12,500	12,000	-------	-------	-------
35-39	12,500	10,000	12,500	12,900	12,500	15,000	14,400	-------	-------	-------
40-44	14,600	11,700	14,000	16,000	15,000	17,500	17,000	18,500	-------	-------
45-49	16,000	12,000	14,800	16,600	15,000	20,000	18,800	-------	-------	-------
50-54	16,500	12,200	15,500	18,000	16,200	20,500	20,000	-------	-------	-------
55-59	17,000	13,300	16,000	18,000	15,500	-------	22,000	-------	-------	-------
60-64	16,800	12,600	16,500	18,800	-------	-------	22,200	-------	-------	-------
65-69	16,000	14,100	14,500	16,800	-------	-------	-------	-------	-------	-------
70 AND OVER	12,400	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
SOCIOLOGY	11,300	10,000	12,500	14,700	11,500	14,000	15,000	-------	14,000	-------
24 AND UNDER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
25-29	8,600	8,400	10,000	-------	-------	-------	-------	-------	-------	-------
30-34	9,500	8,800	10,500	-------	-------	-------	-------	-------	-------	-------
35-39	10,500	9,600	12,000	13,800	12,000	12,600	-------	-------	-------	-------
40-44	11,700	10,500	12,800	-------	-------	14,700	-------	-------	-------	-------
45-49	12,100	11,000	14,000	15,000	-------	14,600	-------	-------	-------	-------
50-54	13,300	11,500	15,000	16,200	-------	-------	-------	-------	-------	-------
55-59	13,200	12,500	14,400	-------	-------	-------	-------	-------	-------	-------
60-64	13,000	12,000	13,500	-------	-------	-------	-------	-------	-------	-------
65-69	13,600	12,500	-------	-------	-------	-------	-------	-------	-------	-------
70 AND OVER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ANTHROPOLOGY	11,500	10,600	13,000	15,800	-------	-------	-------	-------	10,600	-------
24 AND UNDER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
25-29	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
30-34	8,800	8,800	-------	-------	-------	-------	-------	-------	-------	-------
35-39	10,000	9,800	10,200	-------	-------	-------	-------	-------	-------	-------
40-44	12,000	10,600	13,200	-------	-------	-------	-------	-------	-------	-------
45-49	14,000	12,500	15,000	-------	-------	-------	-------	-------	-------	-------
50-54	13,400	14,000	14,000	-------	-------	-------	-------	-------	-------	-------
55-59	14,500	14,200	-------	-------	-------	-------	-------	-------	-------	-------
60-64	14,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
65-69	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
70 AND OVER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS	10,000	10,000	10,500	12,000	-------	6,000	13,800	-------	-------	-------
24 AND UNDER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
25-29	8,000	7,900	-------	-------	-------	-------	-------	-------	-------	-------
30-34	8,500	8,500	8,700	-------	-------	-------	-------	-------	-------	-------
35-39	10,000	9,600	10,000	-------	-------	-------	-------	-------	-------	-------
40-44	9,900	10,000	9,800	-------	-------	-------	-------	-------	-------	-------
45-49	11,700	11,000	-------	-------	-------	-------	-------	-------	-------	-------
50-54	12,500	13,000	-------	-------	-------	-------	-------	-------	-------	-------
55-59	14,000	15,200	-------	-------	-------	-------	-------	-------	-------	-------
60-64	15,300	14,100	-------	-------	-------	-------	-------	-------	-------	-------
65-69	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
70 AND OVER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER FIELDS	12,000	8,600	10,600	13,400	10,700	14,500	13,000	17,500	10,800	12,000
24 AND UNDER	8,000	5,500	-------	7,300	-------	-------	8,200	-------	-------	-------
25-29	8,900	6,500	7,300	9,300	7,800	9,500	9,300	-------	-------	-------
30-34	10,500	8,000	8,700	10,800	9,500	11,400	11,700	-------	-------	-------
35-39	12,400	8,900	10,000	13,200	10,300	15,500	13,700	-------	-------	-------
40-44	14,000	9,500	12,500	15,200	11,100	16,700	15,000	17,500	-------	-------
45-49	15,000	10,000	13,000	16,200	11,800	16,600	16,000	-------	-------	-------
50-54	15,000	9,800	13,500	16,200	12,500	-------	16,800	20,000	-------	-------
55-59	14,200	10,500	12,600	15,600	12,800	-------	17,000	-------	-------	-------
60-64	14,300	10,500	13,500	16,000	-------	-------	16,600	-------	-------	-------
65-69	13,600	10,000	-------	-------	-------	-------	16,500	-------	-------	-------
70 AND OVER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	12,400	-------	-------	-------	-------	-------	-------	-------	-------	-------

NOTE – NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–18. Median annual salaries of full-time employed civilian scientists, by field, primary work activity, and type of employer, 1966

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	12,000	9,600	12,000	12,100	9,900	13,000	13,000	17,000	11,500	12,000
RESEARCH AND DEVELOPMENT (A)	12,000	10,500	11,700	11,700	9,800	12,500	12,500	15,000	10,600	12,000
BASIC RESEARCH	12,000	11,000	11,400	12,000	10,000	12,000	13,400	-------	10,500	12,000
APPLIED RESEARCH	12,100	10,000	12,000	11,700	9,600	13,000	12,600	15,000	11,500	13,300
MANAGEMENT OR ADMINISTRATION (B)	15,600	13,200	16,000	14,200	10,800	16,800	16,500	15,000	14,000	16,200
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	16,800	14,500	16,200	16,200	12,000	18,200	17,000	17,000	15,700	17,500
TEACHING	9,800	9,300	11,500	11,700	9,800	15,000	11,500	-------	8,400	10,400
PRODUCTION AND INSPECTION	10,500	-------	9,000	9,900	8,400	11,100	10,800	15,000	9,800	10,000
OTHER	11,500	10,000	11,000	11,000	9,600	10,900	12,000	18,000	12,000	12,000
NO REPORT	12,000	10,000	12,600	11,700	9,500	12,300	13,000	18,500	11,000	12,500
CHEMISTRY	12,000	9,500	11,000	12,000	9,700	12,000	12,800	15,000	11,500	12,000
RESEARCH AND DEVELOPMENT (A)	12,000	10,200	10,200	11,700	10,800	11,500	12,000	-------	11,000	11,000
BASIC RESEARCH	12,000	10,200	10,000	12,000	11,200	11,500	13,000	-------	9,500	11,000
APPLIED RESEARCH	12,100	-------	11,000	11,700	10,700	11,400	12,300	-------	12,400	-------
MANAGEMENT OR ADMINISTRATION (B)	16,100	13,600	16,500	16,000	12,000	16,800	16,300	17,000	13,700	16,000
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	16,800	14,000	16,100	16,200	14,400	18,000	16,800	15,000	15,300	-------
TEACHING	9,800	9,400	11,500	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	10,200	-------	9,000	9,500	8,400	9,300	10,500	15,000	9,400	-------
OTHER	12,000	-------	11,500	10,800	9,000	11,000	12,300	16,000	12,400	-------
NO REPORT	12,000	9,500	11,000	12,000	9,500	10,500	13,000	20,000	-------	-------
EARTH SCIENCES	11,400	9,500	11,000	11,800	9,500	12,000	12,000	13,200	11,500	-------
RESEARCH AND DEVELOPMENT (A)	11,400	11,000	10,500	11,700	9,500	11,000	12,000	12,000	-------	-------
BASIC RESEARCH	11,300	11,000	10,500	12,000	9,700	10,500	12,000	-------	-------	-------
APPLIED RESEARCH	11,400	-------	10,500	11,400	9,400	12,000	12,000	12,000	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	15,000	13,500	16,000	14,000	11,600	16,000	15,600	15,000	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	15,000	-------	16,200	15,000	13,000	16,500	15,600	15,000	-------	-------
TEACHING	9,400	9,200	10,500	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	10,000	-------	-------	8,200	-------	-------	10,000	-------	-------	-------
OTHER	11,000	-------	10,300	10,300	9,000	-------	11,100	13,000	-------	-------
NO REPORT	12,000	10,000	13,200	11,400	9,000	-------	13,200	14,000	-------	-------
METEOROLOGY	11,700	10,100	12,000	11,700	10,100	14,000	12,000	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	12,000	11,500	10,500	12,100	-------	12,800	12,600	-------	-------	-------
BASIC RESEARCH	12,300	11,800	10,500	12,500	-------	12,600	15,000	-------	-------	-------
APPLIED RESEARCH	12,000	-------	10,900	11,700	-------	13,000	12,100	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	14,300	-------	16,600	13,800	12,900	16,800	15,600	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	16,200	-------	18,500	16,200	-------	18,000	16,000	-------	-------	-------
TEACHING	10,200	9,600	12,700	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	9,100	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	10,700	-------	-------	10,700	9,500	-------	11,000	-------	-------	-------
NO REPORT	10,800	-------	-------	10,800	-------	-------	-------	-------	-------	-------
PHYSICS	12,500	9,600	11,000	12,900	9,300	14,400	14,600	20,000	10,000	12,000
RESEARCH AND DEVELOPMENT (A)	12,800	11,000	10,200	11,700	7,300	13,200	13,800	-------	-------	-------
BASIC RESEARCH	12,900	11,000	10,100	12,500	6,000	13,000	15,000	-------	-------	-------
APPLIED RESEARCH	13,200	12,300	12,000	11,400	-------	13,500	13,700	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	18,000	15,100	17,000	16,700	11,800	19,500	19,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	19,000	17,100	17,300	17,600	-------	20,000	19,800	-------	-------	-------
TEACHING	9,400	9,200	11,000	11,000	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	10,900	-------	-------	9,800	-------	-------	11,600	-------	-------	-------
OTHER	12,000	-------	11,000	11,100	-------	13,500	12,900	-------	-------	-------
NO REPORT	12,000	10,000	11,300	12,000	-------	-------	14,000	-------	-------	-------
MATHEMATICS	12,000	9,100	11,000	12,900	10,400	14,800	13,500	20,500	11,300	-------
RESEARCH AND DEVELOPMENT (A)	12,300	10,500	11,500	11,700	10,200	14,200	12,600	-------	10,300	-------
BASIC RESEARCH	11,600	10,500	11,600	11,000	-------	13,800	13,800	-------	-------	-------
APPLIED RESEARCH	13,200	10,300	12,000	12,500	11,200	15,300	13,400	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	16,300	13,000	14,500	16,200	13,100	18,800	16,900	-------	17,000	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	17,100	15,000	15,300	16,500	12,700	19,600	17,300	-------	-------	-------
TEACHING	9,000	9,000	9,400	-------	8,700	-------	11,900	-------	-------	-------
PRODUCTION AND INSPECTION	11,300	-------	-------	11,000	9,000	12,000	11,400	-------	-------	-------
OTHER	13,000	-------	10,200	12,000	11,000	14,700	13,200	-------	-------	-------
NO REPORT	12,000	11,000	11,100	11,700	-------	-------	12,800	22,000	-------	-------

Appendix Table A–18. Median annual salaries of full-time employed civilian scientists, by field, primary work activity, and type of employer, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
AGRICULTURAL SCIENCES	10,000	9,000	12,000	10,000	8,200	12,000	10,000	11,000	-------	-------
RESEARCH AND DEVELOPMENT (A)	10,600	-------	11,600	10,700	7,800	-------	10,200	-------	-------	-------
BASIC RESEARCH	10,700	-------	11,500	11,000	7,500	-------	-------	-------	-------	-------
APPLIED RESEARCH	10,600	-------	11,800	10,600	7,800	-------	10,200	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	9,900	-------	15,000	10,000	8,500	13,000	10,000	11,000	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	12,500	-------	15,500	13,800	8,800	-------	12,700	-------	-------	-------
TEACHING	11,000	9,000	12,000	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	8,700	-------	-------	9,600	7,300	-------	9,000	-------	-------	-------
OTHER	9,600	-------	10,900	9,900	7,400	-------	9,600	11,500	-------	-------
NO REPORT	10,000	-------	13,000	9,500	8,400	-------	10,000	-------	-------	-------
BIOLOGICAL SCIENCES	12,000	9,500	13,100	12,500	10,400	14,000	13,900	20,000	11,000	15,000
RESEARCH AND DEVELOPMENT (A)	12,000	11,300	12,600	11,700	10,400	13,000	12,700	-------	10,500	14,000
BASIC RESEARCH	12,000	11,100	12,300	11,700	10,800	12,500	13,000	-------	10,300	12,000
APPLIED RESEARCH	12,600	-------	13,600	11,700	10,300	14,000	12,600	-------	-------	17,000
MANAGEMENT OR ADMINISTRATION (B)	16,000	13,000	18,000	15,700	12,400	18,500	16,500	15,000	11,500	17,900
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	17,000	15,500	18,000	16,200	13,100	19,600	17,200	-------	-------	-------
TEACHING	10,300	9,200	13,000	15,600	-------	20,000	-------	-------	-------	11,500
PRODUCTION AND INSPECTION	9,300	-------	-------	9,600	8,500	-------	10,000	-------	-------	-------
OTHER	12,000	-------	12,000	11,700	9,700	10,800	12,500	21,000	-------	19,800
NO REPORT	13,100	10,000	14,500	12,100	10,200	13,100	15,000	25,000	-------	14,000
PSYCHOLOGY	11,500	10,000	12,000	13,400	10,400	11,500	15,100	20,000	11,500	11,100
RESEARCH AND DEVELOPMENT (A)	11,000	10,000	11,800	12,900	9,800	11,500	13,800	-------	10,000	10,100
BASIC RESEARCH	12,000	11,000	12,400	12,500	11,300	12,200	15,000	-------	-------	-------
APPLIED RESEARCH	10,600	9,600	11,000	12,900	9,500	11,000	13,500	-------	9,600	-------
MANAGEMENT OR ADMINISTRATION (B)	14,000	12,500	14,000	15,600	12,100	14,000	17,500	18,000	13,000	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	15,600	12,500	14,000	16,200	12,900	16,000	18,700	-------	-------	-------
TEACHING	10,000	9,800	11,500	-------	11,300	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	11,200	10,000	10,800	12,500	10,000	10,400	15,000	20,000	11,200	10,500
NO REPORT	11,100	10,000	11,600	13,400	9,700	12,000	15,000	-------	-------	-------
STATISTICS	12,800	10,000	13,000	14,300	10,800	13,800	13,000	-------	-------	-------
RESEARCH AND DEVELOPMENT (A)	12,500	11,500	12,000	13,000	10,000	13,300	12,200	-------	-------	-------
BASIC RESEARCH	12,000	12,600	12,000	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	12,500	-------	12,000	13,300	9,400	13,200	12,600	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	15,600	-------	15,800	16,200	12,000	15,000	15,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	16,000	-------	15,000	16,200	12,500	15,500	17,000	-------	-------	-------
TEACHING	10,700	9,900	13,000	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	11,300	-------	-------	12,500	-------	-------	11,000	-------	-------	-------
OTHER	13,400	-------	-------	13,500	-------	-------	13,800	-------	-------	-------
NO REPORT	12,300	-------	-------	-------	-------	-------	-------	-------	-------	-------
ECONOMICS	13,100	10,500	13,000	14,700	13,000	16,200	15,300	18,000	15,000	15,000
RESEARCH AND DEVELOPMENT (A)	12,500	12,000	12,000	12,500	12,100	15,000	13,000	-------	-------	-------
BASIC RESEARCH	12,200	12,500	13,000	11,400	-------	14,000	11,000	-------	-------	-------
APPLIED RESEARCH	12,500	11,300	12,000	12,500	12,500	15,000	13,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	17,400	13,800	16,800	17,600	15,000	18,700	18,000	15,000	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	17,500	13,800	17,000	17,600	15,000	19,000	18,000	-------	-------	-------
TEACHING	10,500	10,000	12,100	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	13,000	-------	-------	13,000	-------	-------	13,000	-------	-------	-------
OTHER	14,200	-------	12,200	14,200	12,000	14,400	14,200	21,000	-------	-------
NO REPORT	14,000	12,000	14,400	15,400	-------	-------	15,600	-------	-------	-------
SOCIOLOGY	11,300	10,000	12,500	14,700	11,500	14,000	15,000	-------	14,000	-------
RESEARCH AND DEVELOPMENT (A)	12,400	11,000	12,500	13,500	10,800	13,600	-------	-------	-------	-------
BASIC RESEARCH	12,000	11,000	12,000	-------	-------	-------	-------	-------	-------	-------
APPLIED RESEARCH	12,600	11,000	13,300	13,800	11,000	12,600	-------	-------	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	15,000	14,000	15,000	16,500	12,500	14,600	16,000	-------	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	15,200	15,000	14,500	16,500	12,900	15,400	-------	-------	-------	-------
TEACHING	10,000	9,800	11,200	-------	-------	-------	-------	-------	-------	-------
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	11,500	-------	11,500	-------	-------	-------	-------	-------	-------	-------
NO REPORT	11,400	10,500	-------	-------	-------	-------	-------	-------	-------	-------

Appendix Table A–18. Median annual salaries of full-time employed civilian scientists, by field, primary work activity, and type of employer, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ANTHROPOLOGY	11,500	10,600	13,000	15,800	------	------	------	------	10,600	------
RESEARCH AND DEVELOPMENT (A)	12,500	11,000	13,200	------	------	------	------	------	------	------
BASIC RESEARCH	12,000	11,000	13,600	------	------	------	------	------	------	------
APPLIED RESEARCH	------	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	14,600	------	15,000	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	15,000	------	------	------	------	------	------	------	------	------
TEACHING	10,500	10,300	11,000	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
OTHER	11,500	------	------	------	------	------	------	------	------	------
NO REPORT	14,000	------	------	------	------	------	------	------	------	------
LINGUISTICS	10,000	10,000	10,500	12,000	------	6,000	13,800	------	------	------
RESEARCH AND DEVELOPMENT (A)	10,400	11,300	10,500	------	------	5,000	------	------	------	------
BASIC RESEARCH	10,600	11,300	10,200	------	------	------	------	------	------	------
APPLIED RESEARCH	10,000	------	------	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	12,900	12,000	13,800	------	------	------	------	------	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	15,500	------	------	------	------	------	------	------	------	------
TEACHING	9,600	9,600	9,700	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	------	------	------	------	------	------	------	------	------	------
OTHER	8,000	------	------	------	------	------	------	------	------	------
NO REPORT	10,000	------	------	------	------	------	------	------	------	------
OTHER FIELDS	12,000	8,600	10,600	13,400	10,700	14,500	13,000	17,500	10,800	12,000
RESEARCH AND DEVELOPMENT (A)	12,000	12,200	11,000	12,000	10,200	13,500	12,000	------	------	------
BASIC RESEARCH	12,000	12,500	10,200	11,000	------	------	12,900	------	------	------
APPLIED RESEARCH	12,000	------	11,500	12,000	------	13,800	13,000	------	------	------
MANAGEMENT OR ADMINISTRATION (B)	16,500	12,000	15,200	16,200	13,000	17,800	17,000	20,000	------	------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	17,100	------	16,000	16,700	14,300	19,200	17,300	------	------	------
TEACHING	8,600	8,500	9,200	------	------	------	------	------	------	------
PRODUCTION AND INSPECTION	10,900	------	------	10,200	9,500	------	11,000	------	------	------
OTHER	12,000	------	10,000	11,000	9,600	11,000	12,000	16,000	11,000	------
NO REPORT	11,900	8,500	10,600	11,900	9,000	------	13,000	------	------	------

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

NOTE – NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–19. Median annual salaries of full-time employed civilian scientists, by field, years of professional experience, and type of employer, 1966

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL FIELDS	12,000	9,600	12,000	12,100	9,900	13,000	13,000	17,000	11,500	12,000
1 OR LESS	8,000	8,000	7,800	7,300	6,700	7,700	8,500	-------	7,700	-------
2 TO 4	8,700	8,100	9,000	8,500	7,800	9,300	9,300	10,000	8,400	8,200
5 TO 9	10,200	8,900	10,600	10,500	8,900	11,500	11,400	14,000	10,000	9,500
10 TO 14	12,300	10,000	12,800	12,100	10,200	14,000	13,400	16,000	11,500	14,000
15 TO 19	13,700	11,100	14,000	13,400	10,500	16,000	14,500	18,000	13,000	13,000
20 TO 24	14,700	12,000	15,500	14,200	11,700	16,500	15,600	17,000	13,000	14,500
25 TO 29	15,500	12,300	16,000	15,600	11,800	18,500	16,800	20,000	15,000	14,000
30 TO 34	15,500	12,200	16,000	15,600	12,500	18,000	17,000	20,000	14,500	15,000
35 TO 39	15,300	12,800	15,700	16,200	12,000	18,000	17,200	16,900	14,500	-------
40 OR MORE	15,000	12,000	15,000	18,000	13,600	16,500	16,200	18,000	12,000	18,000
NO REPORT	12,400	9,800	11,500	12,500	10,100	13,000	13,500	16,000	12,000	12,300
CHEMISTRY	12,000	9,500	11,000	12,000	9,700	12,000	12,800	15,000	11,500	12,000
1 OR LESS	7,800	7,800	6,700	7,300	6,500	7,000	8,100	-------	-------	-------
2 TO 4	8,500	8,200	7,800	8,500	7,300	8,700	9,000	-------	8,100	-------
5 TO 9	10,200	9,000	10,200	10,200	8,500	10,200	10,700	-------	9,000	8,700
10 TO 14	12,300	10,300	13,000	11,700	10,200	12,500	12,700	14,400	12,000	11,600
15 TO 19	13,400	11,000	14,100	13,000	10,600	15,000	13,800	12,000	12,500	12,400
20 TO 24	14,500	12,000	15,600	13,800	11,000	14,000	15,000	15,000	13,200	-------
25 TO 29	15,300	12,000	16,300	15,500	11,200	15,000	15,600	18,000	-------	-------
30 TO 34	15,300	12,300	16,000	15,500	11,800	14,600	16,000	20,000	-------	-------
35 TO 39	15,200	12,200	16,000	16,000	11,500	17,500	16,000	-------	-------	-------
40 OR MORE	14,700	12,000	15,000	16,700	-------	15,000	15,000	15,000	-------	-------
NO REPORT	12,600	10,000	10,000	12,100	10,000	12,800	13,000	-------	-------	-------
EARTH SCIENCES	11,400	9,500	11,000	11,800	9,500	12,000	12,000	13,200	11,500	-------
1 OR LESS	7,600	7,500	7,500	6,500	6,700	-------	8,100	-------	-------	-------
2 TO 4	8,300	8,000	8,200	8,200	8,100	7,800	8,600	-------	-------	-------
5 TO 9	9,600	8,800	9,600	9,800	9,000	11,800	10,000	11,000	-------	-------
10 TO 14	11,200	9,600	12,000	11,400	10,000	12,000	11,500	12,000	-------	-------
15 TO 19	13,000	11,000	13,500	13,000	10,500	14,500	13,200	15,000	-------	-------
20 TO 24	14,100	12,100	15,000	13,900	12,000	-------	15,000	15,000	-------	-------
25 TO 29	15,500	12,100	15,400	16,000	11,400	-------	17,000	15,000	-------	-------
30 TO 34	15,900	13,000	15,000	15,500	-------	-------	18,000	15,000	-------	-------
35 TO 39	16,000	13,500	14,600	16,200	-------	-------	18,500	16,000	-------	-------
40 OR MORE	16,200	13,000	16,000	18,200	-------	-------	20,000	-------	-------	-------
NO REPORT	11,000	-------	-------	9,600	-------	-------	11,500	-------	-------	-------
METEOROLOGY	11,700	10,100	12,000	11,700	10,100	14,000	12,000	-------	-------	-------
1 OR LESS	7,500	-------	-------	7,300	-------	-------	-------	-------	-------	-------
2 TO 4	9,000	-------	9,500	9,200	-------	-------	9,700	-------	-------	-------
5 TO 9	10,300	9,200	11,000	10,200	-------	11,900	10,900	-------	-------	-------
10 TO 14	11,900	10,500	12,000	11,700	-------	14,000	13,500	-------	-------	-------
15 TO 19	12,000	11,000	-------	11,700	-------	17,000	12,300	-------	-------	-------
20 TO 24	12,600	12,900	15,300	12,500	-------	16,800	12,300	-------	-------	-------
25 TO 29	13,000	10,900	-------	13,000	-------	-------	12,300	-------	-------	-------
30 TO 34	13,600	-------	-------	12,100	-------	-------	-------	-------	-------	-------
35 TO 39	12,500	-------	-------	12,100	-------	-------	-------	-------	-------	-------
40 OR MORE	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	11,700	-------	-------	11,400	-------	-------	-------	-------	-------	-------
PHYSICS	12,500	9,600	11,000	12,900	9,300	14,400	14,600	20,000	10,000	12,000
1 OR LESS	8,600	7,500	8,400	8,000	-------	9,000	10,000	-------	-------	-------
2 TO 4	9,200	8,000	9,000	9,200	-------	9,600	10,400	-------	-------	-------
5 TO 9	11,100	9,000	10,800	11,400	7,800	12,900	13,000	-------	-------	-------
10 TO 14	14,000	10,500	14,000	13,800	-------	15,600	16,000	-------	-------	-------
15 TO 19	15,700	11,400	15,500	15,500	-------	17,400	17,500	-------	-------	-------
20 TO 24	16,800	12,200	17,000	17,400	-------	18,600	19,000	-------	-------	-------
25 TO 29	18,000	13,000	16,200	18,800	-------	22,200	20,000	-------	-------	-------
30 TO 34	16,500	12,000	16,800	19,400	-------	22,000	18,000	-------	-------	-------
35 TO 39	16,800	13,100	16,000	20,000	-------	-------	20,000	-------	-------	-------
40 OR MORE	14,300	11,500	14,000	19,300	-------	-------	18,600	-------	-------	-------
NO REPORT	12,000	8,700	9,000	13,000	-------	-------	13,800	-------	-------	-------
MATHEMATICS	12,000	9,100	11,000	12,900	10,400	14,800	13,500	20,500	11,300	-------
1 OR LESS	8,500	8,500	8,500	-------	-------	-------	9,000	-------	-------	-------
2 TO 4	9,000	7,800	8,300	9,300	-------	10,200	10,000	-------	-------	-------
5 TO 9	11,000	8,500	9,600	11,000	9,200	12,400	12,000	-------	10,500	-------
10 TO 14	14,000	10,000	12,600	13,500	11,400	15,600	15,500	-------	-------	-------
15 TO 19	18,000	11,100	14,000	16,200	11,200	19,000	18,000	-------	-------	-------
20 TO 24	16,000	12,000	16,000	16,200	-------	22,000	19,000	-------	-------	-------
25 TO 29	16,500	12,000	14,200	18,000	-------	22,000	20,500	-------	-------	-------
30 TO 34	15,200	11,000	13,300	16,700	-------	-------	22,500	-------	-------	-------
35 TO 39	14,200	12,000	14,000	-------	-------	-------	22,500	-------	-------	-------
40 OR MORE	14,000	12,300	13,500	-------	-------	-------	22,000	-------	-------	-------
NO REPORT	12,200	9,200	11,000	12,500	-------	15,300	13,700	-------	-------	-------

Appendix Table A–19. Median annual salaries of full-time employed civilian scientists, by field, years of professional experience, and type of employer, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
AGRICULTURAL SCIENCES	10,000	9,000	12,000	10,000	8,200	12,000	10,000	11,000	-------	-------
1 OR LESS	6,800	-------	9,200	6,300	-------	-------	-------	-------	-------	-------
2 TO 4	7,200	-------	9,600	6,900	6,400	-------	7,300	-------	-------	-------
5 TO 9	8,400	8,000	10,200	8,400	7,400	-------	8,400	-------	-------	-------
10 TO 14	10,000	9,300	11,500	10,000	8,400	-------	9,900	-------	-------	-------
15 TO 19	11,000	10,500	12,600	11,400	9,000	-------	10,400	-------	-------	-------
20 TO 24	12,100	-------	14,000	12,000	10,100	-------	12,000	-------	-------	-------
25 TO 29	13,000	-------	14,500	12,900	10,900	-------	14,000	-------	-------	-------
30 TO 34	13,900	-------	14,800	14,000	10,000	-------	15,000	-------	-------	-------
35 TO 39	14,600	-------	15,000	16,200	10,600	-------	13,600	-------	-------	-------
40 OR MORE	14,000	-------	14,700	15,100	-------	-------	-------	-------	-------	-------
NO REPORT	10,000	-------	11,900	10,100	9,200	-------	10,000	-------	-------	-------
BIOLOGICAL SCIENCES	12,000	9,500	13,100	12,500	10,400	14,000	13,900	20,000	11,000	15,000
1 OR LESS	7,500	7,500	7,500	8,500	-------	5,100	11,000	-------	-------	-------
2 TO 4	8,600	8,100	9,500	9,000	7,200	7,500	10,800	-------	-------	-------
5 TO 9	10,000	8,600	11,000	10,600	8,700	11,000	12,000	15,000	-------	-------
10 TO 14	12,500	10,000	13,500	12,500	10,300	15,000	14,000	20,000	-------	15,000
15 TO 19	13,800	10,700	15,000	13,400	10,400	16,200	15,000	21,500	-------	15,000
20 TO 24	15,500	11,900	17,000	14,700	12,000	18,000	16,000	24,000	-------	-------
25 TO 29	15,700	12,000	17,100	15,500	13,000	20,000	18,000	21,000	-------	-------
30 TO 34	16,200	12,900	17,500	16,500	13,000	21,000	18,000	-------	-------	-------
35 TO 39	15,800	12,800	16,500	16,700	13,800	18,000	17,200	-------	-------	-------
40 OR MORE	15,000	12,000	15,600	18,800	-------	18,000	21,000	-------	-------	-------
NO REPORT	12,000	10,000	12,500	12,900	9,600	12,000	13,500	-------	-------	-------
PSYCHOLOGY	11,500	10,000	12,000	13,400	10,400	11,500	15,100	20,000	11,500	11,100
1 OR LESS	8,500	8,400	9,000	-------	7,300	9,000	-------	-------	-------	-------
2 TO 4	9,000	8,500	10,000	10,200	8,500	9,000	11,500	-------	-------	-------
5 TO 9	10,100	9,200	10,900	11,700	10,000	10,500	13,200	17,000	10,000	9,700
10 TO 14	12,000	10,300	12,300	13,800	11,300	12,600	16,000	20,000	12,000	12,000
15 TO 19	13,000	11,300	13,000	14,200	11,700	13,800	17,700	22,000	13,000	13,000
20 TO 24	13,500	12,000	14,000	14,200	11,700	14,000	17,500	20,000	-------	-------
25 TO 29	13,900	12,700	14,000	14,200	11,000	15,000	20,200	20,000	-------	-------
30 TO 34	14,000	12,000	15,000	15,000	12,500	14,000	20,000	20,000	-------	-------
35 TO 39	13,800	13,300	15,000	14,200	11,100	-------	-------	-------	-------	-------
40 OR MORE	12,100	12,000	13,100	-------	-------	-------	-------	-------	-------	-------
NO REPORT	11,500	9,200	11,600	-------	-------	-------	-------	-------	-------	-------
STATISTICS	12,800	10,000	13,000	14,300	10,800	13,800	13,000	-------	-------	-------
1 OR LESS	8,900	-------	-------	-------	-------	-------	-------	-------	-------	-------
2 TO 4	9,500	8,000	11,000	9,000	-------	-------	9,900	-------	-------	-------
5 TO 9	11,000	9,300	11,900	11,300	9,900	12,500	11,600	-------	-------	-------
10 TO 14	13,100	11,000	13,000	13,400	-------	17,000	14,000	-------	-------	-------
15 TO 19	14,500	13,000	15,000	15,000	-------	-------	14,800	-------	-------	-------
20 TO 24	15,200	12,700	-------	16,700	-------	-------	15,000	-------	-------	-------
25 TO 29	16,200	-------	-------	17,200	-------	-------	15,000	-------	-------	-------
30 TO 34	16,200	-------	-------	18,000	-------	-------	16,400	-------	-------	-------
35 TO 39	16,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
40 OR MORE	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	13,200	-------	-------	15,700	-------	-------	13,200	-------	-------	-------
ECONOMICS	13,100	10,500	13,000	14,700	13,000	16,200	15,300	18,000	15,000	15,000
1 OR LESS	9,000	8,500	9,600	9,000	-------	-------	9,000	-------	-------	-------
2 TO 4	9,300	9,000	10,500	9,300	10,000	10,200	9,500	-------	-------	-------
5 TO 9	11,000	9,600	11,700	12,500	11,800	12,500	12,000	-------	-------	-------
10 TO 14	13,000	10,500	13,200	13,600	13,600	16,000	14,200	-------	-------	-------
15 TO 19	15,000	12,400	14,400	16,000	14,700	18,800	16,800	20,000	-------	-------
20 TO 24	16,100	12,700	15,500	16,700	16,000	18,000	18,000	-------	-------	-------
25 TO 29	18,200	13,500	17,500	18,800	19,000	21,000	21,000	-------	-------	-------
30 TO 34	18,000	14,000	16,500	19,500	15,500	21,000	23,500	-------	-------	-------
35 TO 39	17,500	14,800	15,500	18,200	-------	-------	22,000	-------	-------	-------
40 OR MORE	17,500	13,700	16,000	-------	-------	-------	21,000	-------	-------	-------
NO REPORT	14,000	10,800	12,700	14,300	-------	-------	16,500	-------	-------	-------
SOCIOLOGY	11,300	10,000	12,500	14,700	11,500	14,000	15,000	-------	14,000	-------
1 OR LESS	8,300	-------	-------	-------	-------	-------	-------	-------	-------	-------
2 TO 4	9,000	8,500	10,800	-------	-------	-------	-------	-------	-------	-------
5 TO 9	10,000	9,000	11,100	12,000	10,500	12,000	-------	-------	-------	-------
10 TO 14	11,400	10,100	12,800	-------	12,100	13,200	-------	-------	-------	-------
15 TO 19	12,600	11,200	14,000	15,000	11,200	16,000	-------	-------	-------	-------
20 TO 24	13,000	12,000	14,000	-------	-------	-------	-------	-------	-------	-------
25 TO 29	14,000	12,600	15,000	-------	-------	-------	-------	-------	-------	-------
30 TO 34	14,700	12,800	15,500	-------	-------	-------	-------	-------	-------	-------
35 TO 39	14,000	13,500	15,400	-------	-------	-------	-------	-------	-------	-------
40 OR MORE	12,000	11,500	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	11,600	10,000	-------	-------	-------	-------	-------	-------	-------	-------

Appendix Table A–19. Median annual salaries of full-time employed civilian scientists, by field, years of professional experience, and type of employer, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND YEARS OF PROFESSIONAL EXPERIENCE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ANTHROPOLOGY	11,500	10,600	13,000	15,800	-------	-------	-------	-------	10,600	-------
1 OR LESS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
2 TO 4	8,800	8,600	-------	-------	-------	-------	-------	-------	-------	-------
5 TO 9	9,700	9,500	9,800	-------	-------	-------	-------	-------	-------	-------
10 TO 14	12,000	11,000	13,500	-------	-------	-------	-------	-------	-------	-------
15 TO 19	13,400	12,500	15,500	-------	-------	-------	-------	-------	-------	-------
20 TO 24	14,000	14,000	-------	-------	-------	-------	-------	-------	-------	-------
25 TO 29	15,000	15,000	-------	-------	-------	-------	-------	-------	-------	-------
30 TO 34	14,500	-------	-------	-------	-------	-------	-------	-------	-------	-------
35 TO 39	16,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
40 OR MORE	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	11,800	-------	-------	-------	-------	-------	-------	-------	-------	-------
LINGUISTICS	10,000	10,000	10,500	12,000	-------	6,000	13,800	-------	-------	-------
1 OR LESS	8,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
2 TO 4	8,300	8,200	-------	-------	-------	-------	-------	-------	-------	-------
5 TO 9	9,000	8,700	9,600	-------	-------	-------	-------	-------	-------	-------
10 TO 14	10,000	10,200	9,400	-------	-------	-------	-------	-------	-------	-------
15 TO 19	12,000	11,300	-------	-------	-------	-------	-------	-------	-------	-------
20 TO 24	12,000	11,700	-------	-------	-------	-------	-------	-------	-------	-------
25 TO 29	13,000	15,000	-------	-------	-------	-------	-------	-------	-------	-------
30 TO 34	15,000	15,900	-------	-------	-------	-------	-------	-------	-------	-------
35 TO 39	17,000	-------	-------	-------	-------	-------	-------	-------	-------	-------
40 OR MORE	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	11,800	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER FIELDS	12,000	8,600	10,600	13,400	10,700	14,500	13,000	17,500	10,800	12,000
1 OR LESS	8,200	5,500	7,700	-------	-------	-------	8,400	-------	-------	-------
2 TO 4	8,500	6,400	6,800	8,200	7,900	9,400	9,000	-------	-------	-------
5 TO 9	10,000	7,600	8,500	10,500	9,500	11,700	10,800	-------	9,800	-------
10 TO 14	12,000	9,000	10,000	13,400	11,000	14,000	13,200	-------	-------	-------
15 TO 19	14,000	9,600	12,000	15,200	11,000	17,300	15,000	-------	-------	-------
20 TO 24	15,000	10,000	13,200	16,200	-------	17,400	16,000	-------	-------	-------
25 TO 29	16,000	11,000	13,300	16,700	-------	16,400	17,100	20,000	-------	-------
30 TO 34	15,500	11,100	14,500	16,000	15,300	-------	17,100	-------	-------	-------
35 TO 39	15,000	10,500	13,500	17,500	-------	-------	17,000	-------	-------	-------
40 OR MORE	14,300	10,000	15,000	-------	-------	-------	16,500	-------	-------	-------
NO REPORT	13,300	9,200	11,400	13,800	-------	-------	14,000	-------	-------	-------

NOTE - NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–20. Number of scientists, by State and field, 1966

STATE	TOTAL	SCIENTIFIC AND TECHNICAL FIELD					
		CHEMISTRY	EARTH SCIENCES	METEOROLOGY	PHYSICS	MATHEMATICS	AGRICULTURAL SCIENCES
ALL LOCATIONS	242,763	65,917	19,749	6,283	29,130	22,806	10,038
ALABAMA	2,049	529	63	66	267	273	181
ALASKA	488	25	135	83	16	20	113
ARIZONA	1,945	317	276	79	235	187	171
ARKANSAS	859	188	69	20	51	42	153
CALIFORNIA	27,641	5,689	2,380	746	4,496	3,758	859
COLORADO	4,170	564	1,089	226	499	322	305
CONNECTICUT	4,393	1,445	136	60	680	419	66
DELAWARE	2,492	1,610	20	13	129	47	21
DISTRICT OF COLUMBIA	7,625	1,031	700	324	1,009	671	220
FLORIDA	4,109	867	257	232	442	388	290
GEORGIA	2,630	552	105	95	190	231	311
HAWAII	849	121	69	94	59	70	59
IDAHO	911	154	71	24	96	40	267
ILLINOIS	12,695	4,131	528	282	1,430	1,026	232
INDIANA	5,060	1,635	214	25	514	511	145
IOWA	2,633	598	99	42	292	207	130
KANSAS	2,208	493	309	31	169	187	96
KENTUCKY	1,788	510	108	25	130	154	102
LOUISIANA	3,561	814	1,216	64	146	205	192
MAINE	707	137	43	24	45	60	95
MARYLAND	7,784	1,715	336	340	1,139	942	188
MASSACHUSETTS	10,374	2,738	390	339	2,071	1,228	91
MICHIGAN	8,608	2,768	402	120	803	698	334
MINNESOTA	4,177	1,146	174	61	383	444	271
MISSISSIPPI	955	136	177	15	50	69	159
MISSOURI	4,326	1,396	260	138	362	340	157
MONTANA	942	88	178	45	30	51	265
NEBRASKA	1,203	184	76	115	85	142	104
NEVADA	506	87	84	42	58	33	71
NEW HAMPSHIRE	759	160	54	19	83	78	59
NEW JERSEY	12,200	5,845	191	103	1,447	967	106
NEW MEXICO	2,113	310	255	95	648	247	154
NEW YORK	26,642	7,377	785	354	3,547	2,846	295
NORTH CAROLINA	3,485	1,049	124	86	266	299	240
NORTH DAKOTA	522	115	66	17	20	38	85
OHIO	10,850	4,270	474	110	1,300	723	168
OKLAHOMA	3,184	719	1,076	88	172	198	95
OREGON	2,531	388	183	50	181	156	660
PENNSYLVANIA	13,860	4,983	542	141	1,641	1,123	273
RHODE ISLAND	971	295	56	11	185	73	26
SOUTH CAROLINA	1,318	415	38	44	121	99	153
SOUTH DAKOTA	521	69	35	21	24	43	110
TENNESSEE	3,421	1,177	136	40	510	214	154
TEXAS	11,383	2,469	3,463	310	966	876	285
UTAH	1,604	291	213	85	132	126	171
VERMONT	445	90	24	2	46	42	48
VIRGINIA	4,384	1,017	262	145	585	689	201
WASHINGTON	4,270	843	315	125	503	450	502
WEST VIRGINIA	1,514	682	95	18	63	56	105
WISCONSIN	4,376	1,216	197	68	472	425	264
WYOMING	687	76	269	11	19	27	130
CANAL ZONE	35	3	6	7	1	2	1
PUERTO RICO	313	93	17	22	28	13	4
VIRGIN ISLANDS	9	2	1	———	1	———	———
GUAM	36	———	5	28	———	———	1
FOREIGN	3,642	295	903	513	293	231	100

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–20. Number of scientists, by State and field, 1966—Continued

STATE	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	ANTHROPOLOGY	LINGUISTICS	OTHER FIELDS
ALL LOCATIONS	29,633	19,027	3,042	13,150	3,640	919	1,269	18,160
ALABAMA	250	90	20	89	26	3	3	189
ALASKA	57	9	1	11	———	2	1	15
ARIZONA	240	161	22	94	25	24	8	106
ARKANSAS	154	56	6	51	13	2	———	54
CALIFORNIA	3,041	2,507	321	1,215	350	107	145	2,027
COLORADO	402	281	44	118	38	17	6	259
CONNECTICUT	491	366	47	236	72	19	30	326
DELAWARE	113	68	21	127	7	———	1	315
DISTRICT OF COLUMBIA	799	531	334	1,255	188	43	84	436
FLORIDA	612	419	51	177	65	11	15	283
GEORGIA	513	229	26	173	51	6	2	146
HAWAII	163	65	9	45	23	12	22	38
IDAHO	107	53	2	27	6	———	1	63
ILLINOIS	1,632	1,135	149	843	222	58	84	943
INDIANA	724	395	58	287	83	15	52	402
IOWA	489	313	51	188	57	6	16	145
KANSAS	326	266	18	131	28	9	12	133
KENTUCKY	282	162	16	98	48	10	4	139
LOUISIANA	360	136	12	122	34	9	10	241
MAINE	114	68	9	41	12	3	2	54
MARYLAND	1,676	466	193	200	79	10	14	486
MASSACHUSETTS	1,190	797	96	471	173	57	71	662
MICHIGAN	1,036	799	103	505	185	38	76	741
MINNESOTA	620	425	61	235	64	8	12	273
MISSISSIPPI	171	62	4	42	19	———	3	48
MISSOURI	580	273	35	325	72	12	7	369
MONTANA	144	31	7	38	10	4	2	49
NEBRASKA	208	114	13	76	23	8	3	52
NEVADA	41	27	1	23	2	2	2	33
NEW HAMPSHIRE	125	44	3	61	17	5	1	50
NEW JERSEY	888	673	132	475	70	10	17	1,276
NEW MEXICO	134	73	27	42	13	16	8	91
NEW YORK	3,329	2,971	375	1,850	492	119	170	2,132
NORTH CAROLINA	646	226	69	192	86	15	15	172
NORTH DAKOTA	91	33	4	28	5	———	2	18
OHIO	1,092	823	108	552	170	19	36	1,005
OKLAHOMA	259	136	31	102	27	6	2	273
OREGON	414	199	19	125	40	15	8	93
PENNSYLVANIA	1,662	1,146	158	689	182	46	58	1,216
RHODE ISLAND	110	74	6	44	16	4	10	61
SOUTH CAROLINA	162	63	11	73	17	1	2	119
SOUTH DAKOTA	94	44	4	34	13	2	2	26
TENNESSEE	485	213	25	150	35	6	6	270
TEXAS	995	519	101	390	103	16	47	843
UTAH	253	108	31	52	21	8	6	107
VERMONT	86	38	2	31	8	4	———	24
VIRGINIA	461	301	64	223	38	6	20	372
WASHINGTON	599	330	41	180	63	23	21	275
WEST VIRGINIA	146	59	11	74	19	1	1	184
WISCONSIN	638	364	37	243	92	28	35	297
WYOMING	52	36	5	13	4	2	———	43
CANAL ZONE	37	3	———	———	———	———	———	4
PUERTO RICO	37	20	5	29	11	5	13	16
VIRGIN ISLANDS	———	2	———	2	———	———	———	1
GUAM	1	———	———	———	———	———	———	1
FOREIGN	331	225	43	253	123	67	101	164

Appendix Table A–21. Number of scientists, by State and highest degree, 1966

STATE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL LOCATIONS	242,763	90,304	6,436	66,754	73,764	2,435	3,070
ALABAMA	2,049	655	46	557	739	25	27
ALASKA	488	101	4	141	211	24	7
ARIZONA	1,945	732	16	530	603	36	28
ARKANSAS	859	298	21	225	300	6	9
CALIFORNIA	27,641	10,514	552	7,401	8,365	374	435
COLORADO	4,170	1,368	80	1,288	1,366	35	33
CONNECTICUT	4,393	1,729	121	1,225	1,230	32	56
DELAWARE	2,492	1,355	10	432	658	14	23
DISTRICT OF COLUMBIA	7,625	3,003	178	2,271	2,009	73	91
FLORIDA	4,109	1,607	93	1,087	1,203	57	62
GEORGIA	2,630	1,034	77	717	734	38	30
HAWAII	849	360	12	235	221	11	10
IDAHO	911	253	6	276	365	7	4
ILLINOIS	12,695	4,825	324	3,684	3,597	115	150
INDIANA	5,060	2,107	76	1,454	1,368	18	37
IOWA	2,633	1,060	77	859	609	7	21
KANSAS	2,208	835	36	656	655	15	11
KENTUCKY	1,788	659	68	521	506	14	20
LOUISIANA	3,561	940	59	1,051	1,436	45	30
MAINE	707	256	11	208	214	10	8
MARYLAND	7,784	2,955	508	1,891	2,278	65	87
MASSACHUSETTS	10,374	4,241	451	2,795	2,629	109	149
MICHIGAN	8,608	3,381	158	2,661	2,251	68	89
MINNESOTA	4,177	1,686	143	1,060	1,226	24	38
MISSISSIPPI	955	317	28	270	323	10	7
MISSOURI	4,326	1,528	170	1,264	1,281	35	48
MONTANA	942	244	8	293	378	11	8
NEBRASKA	1,203	441	18	402	297	24	21
NEVADA	506	133	7	132	215	9	10
NEW HAMPSHIRE	759	319	14	217	199	2	8
NEW JERSEY	12,200	4,580	127	3,129	4,022	124	218
NEW MEXICO	2,113	864	28	564	607	23	27
NEW YORK	26,642	10,418	1,155	7,428	7,041	232	368
NORTH CAROLINA	3,485	1,622	153	799	842	27	42
NORTH DAKOTA	522	187	1	173	149	7	5
OHIO	10,850	3,749	258	2,893	3,776	68	106
OKLAHOMA	3,184	875	36	896	1,296	42	39
OREGON	2,531	889	49	649	911	11	22
PENNSYLVANIA	13,860	5,130	459	3,673	4,290	118	190
RHODE ISLAND	971	395	16	232	305	8	15
SOUTH CAROLINA	1,318	481	22	335	448	14	18
SOUTH DAKOTA	521	218	1	166	128	5	3
TENNESSEE	3,421	1,390	97	878	996	24	36
TEXAS	11,383	3,064	181	3,217	4,640	155	126
UTAH	1,604	578	48	402	548	12	16
VERMONT	445	190	22	140	89	2	2
VIRGINIA	4,384	1,459	89	1,285	1,447	55	49
WASHINGTON	4,270	1,413	127	1,204	1,453	29	44
WEST VIRGINIA	1,514	468	24	399	590	12	21
WISCONSIN	4,376	1,776	99	1,299	1,124	28	50
WYOMING	687	159	3	219	293	7	6
CANAL ZONE	35	8	2	12	10	2	1
PUERTO RICO	313	121	6	91	84	4	7
VIRGIN ISLANDS	9	5	------	3	1	------	------
GUAM	36	1	------	11	18	5	1
FOREIGN	3,642	1,328	61	854	1,190	108	101

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–22. Number of scientists, by State and type of employer, 1966

STATE	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	MILITARY	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER		
ALL LOCATIONS	242,763	87,315	24,689	8,268	5,891	9,813	83,990	4,914	1,309	14,783	1,791
ALABAMA	2,049	692	398	90	91	68	593	21	5	80	11
ALASKA	488	116	176	74	52	1	55	4	------	10	------
ARIZONA	1,945	898	272	69	45	55	372	50	14	154	16
ARKANSAS	859	419	126	39	19	9	166	20	------	55	6
CALIFORNIA	27,641	9,809	2,222	1,211	644	1,497	9,536	746	121	1,642	213
COLORADO	4,170	1,308	953	146	184	198	944	158	23	234	22
CONNECTICUT	4,393	1,505	140	129	37	140	1,942	62	27	370	41
DELAWARE	2,492	218	12	23	13	15	2,050	10	7	134	10
DISTRICT OF COLUMBIA	7,625	755	4,933	162	486	484	430	85	47	203	40
FLORIDA	4,109	1,838	405	214	152	74	850	90	25	427	34
GEORGIA	2,630	1,191	367	88	140	36	592	42	15	139	20
HAWAII	849	409	125	61	78	33	90	6	9	33	5
IDAHO	911	326	240	76	10	1	196	7	11	36	8
ILLINOIS	12,695	5,583	487	464	134	515	4,244	231	93	845	99
INDIANA	5,060	2,625	125	123	14	60	1,604	51	15	405	38
IOWA	2,633	1,757	116	128	10	34	330	21	8	206	23
KANSAS	2,208	1,244	96	97	38	69	381	85	6	176	16
KENTUCKY	1,788	927	142	63	34	37	449	20	5	86	25
LOUISIANA	3,561	1,113	245	71	53	24	1,745	144	12	135	19
MAINE	707	321	37	74	27	41	140	14	2	44	7
MARYLAND	7,784	1,709	3,317	167	602	162	1,310	64	10	396	47
MASSACHUSETTS	10,374	4,208	743	191	159	712	3,123	134	59	943	102
MICHIGAN	8,608	3,832	218	316	60	201	3,236	108	34	544	59
MINNESOTA	4,177	1,831	247	169	11	157	1,463	42	17	208	32
MISSISSIPPI	955	384	173	46	28	5	225	36	6	45	7
MISSOURI	4,326	1,682	320	183	58	170	1,531	59	36	255	32
MONTANA	942	341	268	62	30	10	125	37	2	57	10
NEBRASKA	1,203	647	126	69	118	17	129	18	5	66	8
NEVADA	506	182	116	40	18	1	106	15	------	28	------
NEW HAMPSHIRE	759	463	58	27	8	10	93	15	4	74	7
NEW JERSEY	12,200	2,051	402	174	76	237	8,308	199	46	653	54
NEW MEXICO	2,113	974	337	57	131	45	415	43	20	82	9
NEW YORK	26,642	9,485	617	939	295	1,862	10,650	675	233	1,637	249
NORTH CAROLINA	3,485	1,844	219	109	63	97	850	26	8	248	21
NORTH DAKOTA	522	259	121	43	20	5	29	8	------	33	4
OHIO	10,850	3,539	851	303	194	628	4,456	139	62	606	72
OKLAHOMA	3,184	859	186	53	74	50	1,580	181	8	175	18
OREGON	2,531	1,243	565	128	11	49	295	39	7	173	21
PENNSYLVANIA	13,860	4,845	646	379	56	660	5,965	185	84	941	99
RHODE ISLAND	971	528	54	22	26	32	192	7	2	99	9
SOUTH CAROLINA	1,318	560	99	56	53	5	438	24	8	67	8
SOUTH DAKOTA	521	327	101	32	7	9	20	4	1	19	1
TENNESSEE	3,421	1,188	212	113	17	90	1,523	27	27	194	30
TEXAS	11,383	2,985	625	209	296	202	5,668	641	58	632	67
UTAH	1,604	692	317	50	51	19	305	39	3	117	11
VERMONT	445	283	17	26	------	13	56	5	1	38	6
VIRGINIA	4,384	1,279	708	182	244	366	1,234	62	16	268	25
WASHINGTON	4,270	1,883	442	187	65	290	1,077	54	19	228	25
WEST VIRGINIA	1,514	456	131	61	------	11	770	18	3	61	3
WISCONSIN	4,376	2,517	192	218	23	89	886	51	23	349	28
WYOMING	687	205	152	50	14	4	189	44	1	27	1
CANAL ZONE	35	2	20	1	9	1	2	------	------	------	------
PUERTO RICO	313	160	41	25	13	1	51	6	3	9	4
VIRGIN ISLANDS	9	4	1	1	------	------	2	------	------	1	------
GUAM	36	1	1	1	33	------	------	------	------	------	------
FOREIGN	3,642	813	429	177	767	212	979	42	58	96	69

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–23. Number of scientists, by State and primary work activity, 1966

STATE	TOTAL	PRIMARY WORK ACTIVITY								NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D					
ALL LOCATIONS	242,763	80,821	38,293	31,077	49,921	24,448	44,626	16,419	26,702	14,783	9,491
ALABAMA	2,049	615	211	298	485	227	441	165	168	80	95
ALASKA	488	116	65	46	162	51	57	16	115	10	12
ARIZONA	1,945	566	302	195	344	146	467	71	254	154	89
ARKANSAS	859	190	97	84	189	47	237	60	92	55	36
CALIFORNIA	27,641	10,434	4,826	4,040	5,452	2,908	4,334	1,600	3,122	1,642	1,057
COLORADO	4,170	1,344	692	543	750	291	798	179	720	234	145
CONNECTICUT	4,393	1,672	730	634	852	490	757	275	292	370	175
DELAWARE	2,492	1,035	352	487	617	368	113	270	219	134	104
DISTRICT OF COLUMBIA	7,625	2,555	1,207	1,188	2,880	1,709	420	238	1,050	203	279
FLORIDA	4,109	1,147	560	436	783	320	900	217	454	427	181
GEORGIA	2,630	681	317	276	646	227	669	162	252	139	111
HAWAII	849	278	164	102	211	84	158	48	94	33	27
IDAHO	911	219	82	116	295	88	174	56	94	36	37
ILLINOIS	12,695	4,339	2,318	1,503	2,399	1,177	2,544	959	1,102	845	507
INDIANA	5,060	1,560	844	486	775	354	1,427	359	345	405	189
IOWA	2,633	836	528	270	334	136	868	110	172	206	107
KANSAS	2,208	498	276	183	295	114	739	100	310	176	90
KENTUCKY	1,788	472	264	149	288	112	520	179	167	86	76
LOUISIANA	3,561	678	311	285	643	194	623	382	966	135	134
MAINE	707	144	66	57	148	58	236	29	76	44	30
MARYLAND	7,784	3,610	1,959	1,303	1,760	1,178	701	420	624	396	273
MASSACHUSETTS	10,374	4,171	2,319	1,304	1,704	1,052	1,893	464	827	943	372
MICHIGAN	8,608	2,894	1,402	1,073	1,563	762	1,964	634	663	544	346
MINNESOTA	4,177	1,455	664	535	828	411	956	220	358	208	152
MISSISSIPPI	955	217	107	100	203	49	246	59	143	45	42
MISSOURI	4,326	1,236	572	516	915	392	948	377	421	255	174
MONTANA	942	159	84	75	286	48	218	35	150	57	37
NEBRASKA	1,203	242	129	101	254	70	384	54	167	66	36
NEVADA	506	134	44	73	132	56	85	25	77	28	25
NEW HAMPSHIRE	759	197	135	48	123	43	264	24	47	74	30
NEW JERSEY	12,200	5,012	1,754	2,155	2,809	1,799	1,071	1,371	826	653	458
NEW MEXICO	2,113	910	435	389	440	224	265	83	255	82	78
NEW YORK	26,642	9,025	4,404	3,207	5,443	2,616	4,708	1,834	2,933	1,637	1,062
NORTH CAROLINA	3,485	1,128	631	387	662	308	918	180	233	248	116
NORTH DAKOTA	522	127	63	60	102	42	160	17	58	33	25
OHIO	10,850	3,617	1,444	1,468	2,174	1,240	2,126	957	935	606	435
OKLAHOMA	3,184	773	317	362	604	245	506	213	772	175	141
OREGON	2,531	660	395	238	654	137	643	108	196	173	97
PENNSYLVANIA	13,860	4,962	2,159	1,941	2,675	1,414	2,506	1,095	1,140	941	541
RHODE ISLAND	971	308	204	68	157	71	243	52	57	99	55
SOUTH CAROLINA	1,318	289	97	128	335	128	355	103	101	67	68
SOUTH DAKOTA	521	109	48	57	114	29	213	12	33	19	21
TENNESSEE	3,421	1,259	658	400	635	310	678	300	228	194	127
TEXAS	11,383	2,752	1,042	1,254	2,250	871	1,727	1,026	2,538	632	458
UTAH	1,604	418	207	172	340	110	380	88	199	117	62
VERMONT	445	108	63	33	72	20	177	11	25	38	14
VIRGINIA	4,384	1,394	425	738	1,033	565	818	313	400	268	158
WASHINGTON	4,270	1,478	684	637	836	328	859	257	443	228	169
WEST VIRGINIA	1,514	450	133	196	326	148	282	200	137	61	58
WISCONSIN	4,376	1,394	890	371	689	305	1,231	235	300	349	178
WYOMING	687	104	58	43	177	40	110	38	202	27	29
CANAL ZONE	35	8	6	2	10	5	2	3	11	-------	1
PUERTO RICO	313	64	38	22	65	21	84	28	37	9	26
VIRGIN ISLANDS	9	-------	-------	-------	3	1	2	-------	3	1	-------
GUAM	36	2	1	1	8	-------	1	-------	24	-------	1
FOREIGN	3,642	806	510	242	992	309	420	108	1,075	96	145

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

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Appendix Table A–24. Median annual salaries of full-time employed civilian scientists, by State and field, 1966

STATE	TOTAL	SCIENTIFIC AND TECHNICAL FIELD					
		CHEMISTRY	EARTH SCIENCES	METEOROLOGY	PHYSICS	MATHEMATICS	AGRICULTURAL SCIENCES
ALL LOCATIONS	12,000	12,000	11,400	11,700	12,500	12,000	10,000
ALABAMA	11,500	11,800	9,500	11,400	11,500	11,000	10,000
ALASKA	12,000	-------	11,900	11,700	-------	-------	11,000
ARIZONA	10,800	9,900	10,300	11,300	11,400	12,500	10,000
ARKANSAS	10,100	10,500	10,000	-------	8,200	10,000	9,400
CALIFORNIA	12,600	12,500	11,800	12,500	14,000	13,000	10,600
COLORADO	11,500	10,600	12,100	12,100	12,000	10,800	10,100
CONNECTICUT	12,000	12,500	10,300	13,000	12,500	11,600	9,800
DELAWARE	14,400	14,500	-------	-------	14,300	12,000	-------
DISTRICT OF COLUMBIA	14,300	13,000	13,400	13,800	13,800	14,700	15,700
FLORIDA	11,000	10,400	10,500	11,100	11,700	11,200	9,800
GEORGIA	11,000	11,100	10,500	10,800	10,000	10,200	10,000
HAWAII	12,000	10,000	11,400	12,600	10,100	12,500	11,400
IDAHO	9,900	11,400	9,100	-------	12,000	9,400	9,300
ILLINOIS	12,000	12,000	11,000	11,800	12,000	11,200	11,400
INDIANA	11,300	12,000	10,400	-------	10,500	10,000	10,800
IOWA	11,000	10,500	10,000	-------	10,000	10,500	11,700
KANSAS	10,000	10,100	10,700	-------	9,000	8,500	10,000
KENTUCKY	10,400	10,200	10,600	-------	9,400	8,100	9,600
LOUISIANA	11,100	11,500	11,500	10,500	9,700	9,900	9,600
MAINE	9,500	10,500	8,400	-------	8,900	8,700	8,700
MARYLAND	12,800	12,500	11,300	13,000	12,600	12,900	11,500
MASSACHUSETTS	12,000	12,000	10,500	13,800	13,000	12,600	10,000
MICHIGAN	12,000	12,000	10,400	11,000	12,000	11,000	10,300
MINNESOTA	11,500	12,200	9,900	11,300	10,700	11,000	9,700
MISSISSIPPI	10,200	10,000	11,200	-------	8,500	8,000	9,600
MISSOURI	11,500	12,100	10,000	11,700	10,800	10,500	9,900
MONTANA	9,900	9,600	10,600	11,700	-------	8,900	9,300
NEBRASKA	10,000	9,700	9,000	-------	8,000	9,800	10,200
NEVADA	10,800	10,600	11,300	11,000	13,000	11,400	9,300
NEW HAMPSHIRE	10,000	10,000	10,100	-------	10,000	10,000	8,600
NEW JERSEY	13,000	13,000	10,000	11,700	14,600	13,200	11,400
NEW MEXICO	12,800	13,900	10,300	12,100	15,000	12,400	10,000
NEW YORK	12,600	12,700	10,600	11,000	12,800	13,000	10,600
NORTH CAROLINA	11,300	12,000	9,500	10,600	11,000	10,000	10,000
NORTH DAKOTA	10,000	9,800	9,500	-------	-------	8,500	9,800
OHIO	11,700	12,000	10,000	11,400	12,000	11,400	10,100
OKLAHOMA	12,000	12,000	12,000	11,400	11,000	10,200	9,900
OREGON	10,200	10,000	10,200	10,000	9,400	9,400	9,900
PENNSYLVANIA	12,000	12,000	10,500	10,000	12,000	11,800	9,600
RHODE ISLAND	11,000	11,200	10,300	-------	11,000	10,500	9,000
SOUTH CAROLINA	10,800	12,000	-------	-------	11,400	9,300	9,600
SOUTH DAKOTA	9,900	9,400	9,300	-------	-------	7,500	9,600
TENNESSEE	11,800	12,000	9,900	10,800	13,200	10,100	9,900
TEXAS	11,800	11,700	12,000	10,800	11,600	11,400	10,100
UTAH	10,800	11,000	10,600	12,000	10,300	10,500	10,200
VERMONT	9,800	10,300	-------	-------	10,000	10,200	9,300
VIRGINIA	12,000	12,000	12,000	11,800	11,300	13,500	10,000
WASHINGTON	10,800	11,200	10,200	10,800	11,200	11,000	9,600
WEST VIRGINIA	11,000	12,000	10,100	-------	9,000	8,500	9,000
WISCONSIN	10,600	10,400	10,000	10,500	9,800	10,000	10,200
WYOMING	10,100	10,500	10,900	-------	-------	-------	9,000
CANAL ZONE	12,900	-------	-------	-------	-------	-------	-------
PUERTO RICO	9,600	9,200	-------	-------	8,400	-------	-------
VIRGIN ISLANDS	-------	-------	-------	-------	-------	-------	-------
GUAM	-------	-------	-------	-------	-------	-------	-------
FOREIGN	12,000	10,800	13,200	10,000	6,800	11,000	13,000

NOTE – NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–24. Median annual salaries of full-time employed civilian scientists, by State and field, 1966—Continued

STATE	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	ANTHRO-POLOGY	LINGUISTICS	OTHER FIELDS
ALL LOCATIONS	12,000	11,500	12,800	13,100	11,300	11,500	10,000	12,000
ALABAMA	12,000	11,100	———	12,000	———	———	———	12,800
ALASKA	13,000	———	———	———	———	———	———	———
ARIZONA	10,800	11,300	———	11,400	———	———	———	11,000
ARKANSAS	11,000	10,400	———	11,800	———	———	———	9,600
CALIFORNIA	12,300	12,100	13,100	13,100	12,000	11,000	10,200	13,200
COLORADO	11,700	10,600	12,000	11,700	10,900	———	———	11,400
CONNECTICUT	12,000	11,000	12,000	13,000	11,200	———	———	11,500
DELAWARE	13,000	11,500	———	17,500	———	———	———	14,000
DISTRICT OF COLUMBIA	15,000	13,800	15,200	16,200	14,500	15,300	10,000	15,200
FLORIDA	11,100	11,100	12,100	12,800	10,500	———	———	10,800
GEORGIA	12,000	11,500	———	12,000	10,500	———	———	10,500
HAWAII	12,000	12,000	———	13,600	———	———	———	9,700
IDAHO	10,000	8,600	———	———	———	———	———	10,800
ILLINOIS	12,700	11,500	12,000	14,000	12,300	14,400	10,800	11,300
INDIANA	12,200	11,000	11,700	12,000	10,200	———	10,000	10,000
IOWA	13,000	10,000	12,600	12,200	11,000	———	———	9,700
KANSAS	10,100	11,000	———	10,500	———	———	———	8,900
KENTUCKY	12,900	10,400	———	11,000	10,000	———	———	10,000
LOUISIANA	11,500	10,000	———	12,900	13,000	———	———	11,100
MAINE	10,800	10,200	———	10,800	———	———	———	8,000
MARYLAND	13,600	12,500	13,800	12,900	12,900	———	———	13,000
MASSACHUSETTS	12,000	11,000	14,500	12,000	12,000	12,500	11,000	12,400
MICHIGAN	12,500	11,700	12,000	13,500	11,700	13,800	10,500	11,000
MINNESOTA	12,000	11,200	12,000	12,600	10,800	———	———	10,800
MISSISSIPPI	11,000	10,600	———	11,000	———	———	———	10,000
MISSOURI	12,500	11,300	11,500	13,000	12,000	———	———	10,800
MONTANA	10,200	10,000	———	10,000	———	———	———	9,700
NEBRASKA	11,000	10,300	———	11,500	———	———	———	9,400
NEVADA	11,000	12,000	———	———	———	———	———	12,500
NEW HAMPSHIRE	11,000	9,800	———	11,000	———	———	———	8,400
NEW JERSEY	13,000	11,200	13,000	14,000	11,300	———	———	12,600
NEW MEXICO	12,000	11,000	14,000	11,700	———	———	———	12,800
NEW YORK	13,000	11,700	12,500	15,000	12,000	12,000	11,000	12,800
NORTH CAROLINA	12,500	11,000	13,600	11,500	10,700	———	———	10,600
NORTH DAKOTA	11,000	10,600	———	———	———	———	———	———
OHIO	12,000	11,000	11,500	13,000	10,500	———	9,500	11,500
OKLAHOMA	11,800	10,800	———	13,100	———	———	———	12,000
OREGON	11,300	11,400	———	11,400	10,000	———	———	9,600
PENNSYLVANIA	12,500	11,000	12,000	12,600	10,900	12,000	10,000	12,000
RHODE ISLAND	11,400	10,800	———	10,400	———	———	———	9,500
SOUTH CAROLINA	10,300	10,000	———	11,400	———	———	———	11,000
SOUTH DAKOTA	10,200	9,700	———	11,000	———	———	———	———
TENNESSEE	11,700	10,000	———	11,900	9,300	———	———	12,000
TEXAS	12,000	11,300	12,000	12,500	11,000	———	9,500	12,000
UTAH	11,500	10,000	10,000	11,500	———	———	———	11,000
VERMONT	11,300	8,400	———	9,200	———	———	———	———
VIRGINIA	11,500	11,300	12,900	12,500	10,500	———	———	12,000
WASHINGTON	11,500	10,500	11,400	12,400	10,200	———	———	11,500
WEST VIRGINIA	10,300	10,500	———	10,600	———	———	———	11,000
WISCONSIN	11,600	11,400	10,500	12,000	10,500	11,000	———	10,000
WYOMING	10,400	10,400	———	———	———	———	———	9,000
CANAL ZONE	———	———	———	———	———	———	———	———
PUERTO RICO	11,400	———	———	11,700	———	———	———	———
VIRGIN ISLANDS	———	———	———	———	———	———	———	———
GUAM	———	———	———	———	———	———	———	———
FOREIGN	10,500	10,000	14,700	16,500	13,000	10,500	6,500	13,200

Appendix Table A–25. Median annual salaries of full-time employed civilian scientists, by State and highest degree, 1966

STATE	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL LOCATIONS	12,000	13,200	17,200	10,700	11,000	11,000	11,500
ALABAMA	11,500	12,500	18,500	10,500	11,000	-------	-------
ALASKA	12,000	14,900	-------	11,700	11,000	-------	-------
ARIZONA	10,800	11,700	-------	9,600	10,200	10,000	-------
ARKANSAS	10,100	11,400	-------	8,400	9,600	-------	-------
CALIFORNIA	12,600	14,000	17,900	12,000	11,900	12,000	12,000
COLORADO	11,500	12,300	16,000	10,500	11,000	-------	10,400
CONNECTICUT	12,000	13,400	15,500	10,800	11,000	10,000	11,200
DELAWARE	14,400	15,300	-------	12,600	12,400	-------	-------
DISTRICT OF COLUMBIA	14,300	16,000	18,200	13,800	13,000	13,000	12,000
FLORIDA	11,000	12,000	17,000	9,300	10,000	10,000	10,800
GEORGIA	11,000	12,000	15,800	9,900	10,100	-------	-------
HAWAII	12,000	13,000	-------	10,800	10,200	-------	-------
IDAHO	9,900	11,400	-------	9,600	9,500	-------	-------
ILLINOIS	12,000	13,400	19,000	10,500	10,400	12,000	11,000
INDIANA	11,300	12,700	19,000	9,500	10,100	-------	9,200
IOWA	11,000	13,000	20,000	8,600	9,200	-------	-------
KANSAS	10,000	11,400	19,200	8,000	9,900	-------	-------
KENTUCKY	10,400	11,900	18,000	8,900	9,600	-------	-------
LOUISIANA	11,100	11,800	17,000	10,200	11,100	10,000	-------
MAINE	9,500	11,000	-------	8,500	8,400	-------	-------
MARYLAND	12,800	14,000	16,300	11,900	11,500	12,000	12,000
MASSACHUSETTS	12,000	12,900	14,000	11,400	11,400	11,800	12,000
MICHIGAN	12,000	13,400	20,000	10,200	10,200	10,300	11,500
MINNESOTO	11,500	12,800	16,000	10,000	10,300	-------	12,000
MISSISSIPPI	10,200	11,000	-------	8,300	9,600	-------	-------
MISSOURI	11,500	13,000	17,000	10,000	10,000	9,600	11,500
MONTANA	9,900	11,000	-------	9,300	9,900	-------	-------
NEBRASKA	10,000	11,500	-------	8,500	9,300	-------	-------
NEVADA	10,800	12,000	-------	10,600	10,500	-------	-------
NEW HAMPSHIRE	10,000	11,500	-------	9,000	9,300	-------	-------
NEW JERSEY	13,000	15,000	19,000	12,000	11,300	10,700	12,600
NEW MEXICO	12,800	14,500	17,800	11,700	11,100	-------	-------
NEW YORK	12,600	13,800	17,500	11,300	11,800	11,000	12,000
NORTH CAROLINA	11,300	12,500	16,000	9,000	10,000	-------	9,600
NORTH DAKOTA	10,000	11,300	-------	8,800	8,700	-------	-------
OHIO	11,700	13,000	17,000	10,500	10,500	11,700	11,900
OKLAHOMA	12,000	12,800	18,000	10,600	11,500	12,500	-------
OREGON	10,200	11,700	16,500	9,300	9,500	-------	-------
PENNSYLVANIA	12,000	13,200	17,500	10,400	10,600	11,500	11,700
RHODE ISLAND	11,000	11,500	-------	9,600	10,100	-------	-------
SOUTH CAROLINA	10,800	11,600	-------	9,000	10,000	-------	-------
SOUTH DAKOTA	9,900	11,000	-------	8,300	9,000	-------	-------
TENNESSEE	11,800	12,800	18,000	10,000	10,800	-------	11,000
TEXAS	11,800	13,000	18,000	10,500	11,000	11,700	11,500
UTAH	10,800	11,000	16,000	10,000	10,400	-------	-------
VERMONT	9,800	10,500	-------	8,200	9,900	-------	-------
VIRGINIA	12,000	13,000	16,500	11,100	11,000	11,700	12,000
WASHINGTON	10,800	12,200	16,000	10,000	10,000	-------	10,500
WEST VIRGINIA	11,000	13,000	-------	10,000	10,000	-------	-------
WISCONSIN	10,600	12,000	16,200	9,200	9,600	10,100	10,000
WYOMING	10,100	11,300	-------	9,600	10,000	-------	-------
CANAL ZONE	12,900	-------	-------	-------	-------	-------	-------
PUERTO RICO	9,600	10,800	-------	7,600	9,000	-------	-------
VIRGIN ISLANDS	-------	-------	-------	-------	-------	-------	-------
GUAM	-------	-------	-------	-------	-------	-------	-------
FOREIGN	12,000	11,000	14,000	12,000	13,200	13,400	13,800

NOTE – NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A-26. Median annual salaries of full-time employed civilian scientists, by State and type of employer, 1966

STATE	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL LOCATIONS	12,000	9,600	12,000	12,100	9,900	13,000	13,000	17,000	11,500	12,000
ALABAMA	11,500	9,100	12,500	12,900	9,400	13,500	11,500	-------	-------	-------
ALASKA	12,000	10,100	14,400	11,000	12,000	-------	13,300	-------	-------	-------
ARIZONA	10,800	9,600	12,000	11,000	9,000	13,000	12,000	16,000	-------	-------
ARKANSAS	10,100	8,700	11,400	10,600	7,900	-------	10,000	-------	-------	-------
CALIFORNIA	12,600	10,300	12,300	12,000	11,600	15,000	14,100	18,000	11,200	13,800
COLORADO	11,500	9,300	12,000	12,000	9,600	12,300	12,000	12,000	-------	-------
CONNECTICUT	12,000	9,600	10,600	10,900	11,100	13,000	13,200	20,000	-------	-------
DELAWARE	14,400	10,000	10,500	-------	-------	-------	14,900	-------	-------	-------
DISTRICT OF COLUMBIA	14,300	9,500	13,000	14,700	14,700	15,000	15,000	23,600	15,200	-------
FLORIDA	11,000	9,400	12,000	12,400	8,700	12,000	12,000	18,000	-------	-------
GEORGIA	11,000	9,500	12,500	11,000	9,900	[illegible]	[illegible]	12,500	-------	-------
HAWAII	12,000	12,000	12,000	11,400	11,700	[illegible]	13,000	-------	-------	-------
IDAHO	9,900	8,400	11,000	9,900	8,600	-------	11,000	-------	-------	-------
ILLINOIS	12,000	10,000	12,500	12,000	10,800	13,400	12,500	20,000	11,500	14,000
INDIANA	11,300	9,500	12,500	10,500	9,600	10,500	12,000	20,000	-------	-------
IOWA	11,000	9,200	13,700	12,000	8,800	10,200	11,800	-------	-------	-------
KANSAS	10,000	8,500	11,800	10,400	9,000	13,000	11,400	12,500	-------	-------
KENTUCKY	10,400	8,500	12,000	11,400	7,900	11,300	11,100	-------	-------	-------
LOUISIANA	11,100	9,400	12,000	10,800	8,300	-------	11,700	15,000	-------	-------
MAINE	9,500	8,600	10,300	11,700	8,500	12,600	11,000	-------	-------	-------
MARYLAND	12,800	9,500	12,000	13,300	10,700	12,400	13,400	-------	-------	-------
MASSACHUSETTS	12,000	10,000	11,000	13,000	10,000	12,400	13,600	18,000	11,500	12,000
MICHIGAN	12,000	10,000	13,000	10,500	10,000	12,500	12,600	19,000	-------	14,000
MINNESOTA	11,500	9,500	12,000	10,600	9,000	13,800	12,900	20,000	-------	-------
MISSISSIPPI	10,200	8,000	12,000	10,400	7,100	-------	11,000	-------	-------	-------
MISSOURI	11,500	9,500	12,500	10,600	8,600	12,000	13,000	20,000	11,700	-------
MONTANA	9,900	9,000	11,000	10,000	8,600	-------	10,200	-------	-------	-------
NEBRASKA	10,000	8,800	11,400	11,400	8,400	-------	10,600	-------	-------	-------
NEVADA	10,800	9,300	12,100	10,200	9,500	-------	11,800	-------	-------	-------
NEW HAMPSHIRE	10,000	9,700	11,000	11,000	8,400	-------	11,100	-------	-------	-------
NEW JERSEY	13,000	9,500	11,300	12,500	9,300	12,000	13,600	20,000	10,600	17,000
NEW MEXICO	12,800	9,600	14,000	11,400	9,000	14,400	13,200	12,000	-------	-------
NEW YORK	12,600	10,200	12,000	11,700	10,900	12,600	14,200	20,000	12,500	12,700
NORTH CAROLINA	11,300	9,800	12,200	10,800	8,800	12,500	12,800	-------	-------	-------
NORTH DAKOTA	10,000	8,500	11,400	10,200	8,100	-------	10,800	-------	-------	-------
OHIO	11,700	9,400	12,100	12,500	9,500	12,500	12,000	15,000	11,400	12,000
OKLAHOMA	12,000	9,000	12,000	11,400	9,000	12,000	12,000	15,000	-------	-------
OREGON	10,200	9,500	12,000	10,000	9,000	14,000	10,500	15,000	-------	-------
PENNSYLVANIA	12,000	9,000	12,200	11,700	9,400	12,000	13,000	18,000	10,800	12,900
RHODE ISLAND	11,000	9,800	11,000	11,000	-------	12,500	13,000	-------	-------	-------
SOUTH CAROLINA	10,800	9,000	11,000	11,000	8,500	-------	12,500	-------	-------	-------
SOUTH DAKOTA	9,900	8,300	11,000	9,900	7,800	-------	-------	-------	-------	-------
TENNESSEE	11,800	9,400	11,200	11,700	8,400	13,500	13,000	-------	12,000	-------
TEXAS	11,800	9,500	13,000	11,000	8,400	12,000	12,000	14,400	11,000	10,000
UTAH	10,800	9,400	12,000	11,000	7,900	-------	11,900	-------	-------	-------
VERMONT	9,800	8,500	11,500	-------	7,600	-------	12,800	-------	-------	-------
VIRGINIA	12,000	9,000	12,000	12,500	9,200	16,500	12,900	15,000	-------	-------
WASHINGTON	10,800	9,500	11,600	10,200	9,000	12,500	12,000	20,000	-------	-------
WEST VIRGINIA	11,000	8,800	12,000	10,000	7,400	-------	12,000	-------	-------	-------
WISCONSIN	10,600	9,400	12,300	11,400	9,600	11,000	11,600	18,000	-------	-------
WYOMING	10,100	9,000	11,200	10,000	7,800	-------	10,800	-------	-------	-------
CANAL ZONE	12,900	-------	-------	-------	-------	-------	-------	-------	-------	-------
PUERTO RICO	9,600	-------	8,500	11,000	-------	-------	14,000	-------	-------	-------
VIRGIN ISLANDS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
GUAM	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
FOREIGN	12,000	9,200	9,900	13,800	10,000	10,300	14,300	-------	11,000	-------

NOTE - NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–27. Median annual salaries of full-time employed civilian scientists, by State and primary work activity, 1966

STATE	TOTAL	PRIMARY WORK ACTIVITY									NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRODUCTION AND INSPECTION	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR			
ALL LOCATIONS	12,000	12,000	12,000	12,100	15,600	16,800	9,300	11,500	10,500	11,500	12,000
ALABAMA	11,500	11,800	12,500	11,800	14,000	15,000	9,000	11,600	10,700	11,400	11,000
ALASKA	12,000	12,500	12,900	12,000	12,900	14,400	10,000	-------	-------	11,000	-------
ARIZONA	10,800	10,900	10,300	11,000	13,000	14,000	9,500	12,700	10,500	10,400	10,500
ARKANSAS	10,100	11,000	11,000	11,400	11,000	13,300	8,600	11,000	9,300	10,600	8,200
CALIFORNIA	12,600	12,800	12,400	13,300	16,300	18,000	10,000	11,900	11,000	12,000	12,500
COLORADO	11,500	11,700	12,400	11,600	13,800	15,500	9,100	11,400	10,200	11,000	12,000
CONNECTICUT	12,000	11,600	11,000	12,600	16,000	17,000	9,200	10,500	11,000	11,500	12,000
DELAWARE	14,400	13,500	13,600	13,500	19,000	19,000	10,000	-------	13,000	14,000	14,000
DISTRICT OF COLUMBIA	14,300	12,600	12,500	13,000	17,600	18,200	9,400	12,500	12,500	13,000	13,800
FLORIDA	11,000	11,000	10,900	11,100	13,800	15,500	9,000	12,100	9,600	10,800	11,400
GEORGIA	11,000	11,300	11,500	11,400	13,000	15,000	9,500	11,500	10,200	10,600	11,000
HAWAII	12,000	11,300	11,000	11,700	14,800	16,000	10,800	8,800	9,400	12,000	-------
IDAHO	9,900	10,700	11,900	10,300	10,200	13,800	8,400	10,600	9,600	9,000	9,600
ILLINOIS	12,000	11,600	12,000	11,700	16,000	16,500	9,500	12,000	10,400	11,600	12,000
INDIANA	11,300	12,000	11,600	12,000	15,000	16,900	9,300	12,500	10,100	10,800	11,400
IOWA	11,000	11,000	12,000	10,000	14,300	16,400	9,000	14,000	9,200	10,000	12,000
KANSAS	10,000	10,900	10,800	11,200	13,300	14,000	8,300	10,900	9,300	10,500	10,200
KENTUCKY	10,400	11,600	12,500	11,700	14,000	15,000	8,200	10,200	9,600	10,000	11,100
LOUISIANA	11,100	11,000	11,300	11,000	14,000	15,000	9,000	12,300	10,000	11,200	11,500
MAINE	9,500	10,000	10,500	9,200	12,000	14,000	8,700	9,300	8,700	8,800	-------
MARYLAND	12,800	12,200	12,100	12,500	16,200	17,000	9,200	12,000	10,500	11,700	12,600
MASSACHUSETTS	12,000	12,000	11,500	13,000	16,200	17,000	9,800	10,100	11,000	11,700	13,000
MICHIGAN	12,000	12,000	12,300	12,000	15,100	16,500	10,000	12,000	10,200	11,200	12,400
MINNESOTA	11,500	11,500	11,700	11,500	15,000	16,000	9,200	12,200	10,500	11,000	11,000
MISSISSIPPI	10,200	10,600	11,000	10,400	11,600	13,800	8,000	11,400	9,600	10,300	10,600
MISSOURI	11,500	12,000	12,600	12,000	15,000	16,300	9,300	11,400	9,900	10,900	10,200
MONTANA	9,900	9,800	9,900	9,700	10,000	11,100	8,900	9,500	10,000	10,600	10,300
NEBRASKA	10,000	11,000	11,200	10,600	12,000	12,900	8,600	10,500	9,500	9,700	12,000
NEVADA	10,800	11,000	11,100	11,000	12,000	13,400	9,300	-------	-------	11,000	-------
NEW HAMPSHIRE	10,000	10,500	10,000	11,000	12,500	14,400	9,500	10,000	-------	9,500	-------
NEW JERSEY	13,000	12,500	13,000	12,800	17,000	17,800	9,200	11,000	11,400	11,800	13,300
NEW MEXICO	12,800	14,000	14,400	13,600	14,600	18,100	9,400	13,400	10,700	11,000	10,600
NEW YORK	12,600	12,300	12,200	12,600	17,000	18,000	9,800	11,000	11,600	12,400	12,500
NORTH CAROLINA	11,300	12,000	12,000	12,000	15,000	16,500	9,400	11,900	10,400	10,000	10,700
NORTH DAKOTA	10,000	10,500	10,600	10,000	11,400	13,700	8,500	11,000	-------	9,300	-------
OHIO	11,700	11,400	12,000	11,400	15,400	16,000	9,200	11,400	10,500	11,000	12,100
OKLAHOMA	12,000	12,000	12,000	12,000	15,300	16,000	8,700	11,500	10,600	11,100	12,000
OREGON	10,200	10,800	10,600	11,000	10,500	13,000	9,200	12,300	9,600	10,200	10,600
PENNSYLVANIA	12,000	12,000	12,000	12,000	16,000	17,000	8,700	12,000	10,500	11,400	11,800
RHODE ISLAND	11,000	10,000	10,000	10,000	14,000	15,200	9,300	11,500	11,300	11,000	12,400
SOUTH CAROLINA	10,800	11,000	11,300	11,400	14,200	15,500	8,800	10,300	10,500	10,200	9,800
SOUTH DAKOTA	9,900	10,300	10,600	10,000	10,200	11,900	8,200	11,100	-------	9,300	-------
TENNESSEE	11,800	12,500	13,500	12,000	15,000	16,200	9,000	10,200	10,200	10,200	11,300
TEXAS	11,800	12,000	12,000	12,000	15,000	15,800	9,200	13,000	10,000	11,000	12,000
UTAH	10,800	11,000	10,600	11,000	12,500	14,300	9,200	12,000	10,400	10,000	11,700
VERMONT	9,800	10,500	11,100	9,500	12,500	-------	8,500	9,700	-------	-------	-------
VIRGINIA	12,000	12,000	11,400	12,900	15,400	16,700	8,900	11,400	10,600	11,500	11,000
WASHINGTON	10,800	11,000	11,000	11,400	12,900	15,700	9,400	11,000	9,800	10,500	10,900
WEST VIRGINIA	11,000	11,500	11,500	12,000	14,800	16,700	8,500	11,500	9,700	10,300	13,000
WISCONSIN	10,600	10,900	10,800	11,100	13,400	15,000	9,200	12,300	9,700	11,000	11,000
WYOMING	10,100	10,000	9,900	10,500	11,000	12,600	9,200	-------	9,200	10,500	-------
CANAL ZONE	12,900	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PUERTO RICO	9,600	9,600	10,000	-------	14,000	-------	-------	8,000	7,200	-------	-------
VIRGIN ISLANDS	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
GUAM	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
FOREIGN	12,000	9,300	7,500	12,400	16,600	17,000	8,900	9,000	12,000	12,500	12,000

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH OR DEVELOPMENT.

NOTE - NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A-28. Number and median annual salaries of full-time employed civilian scientists, by Standard Metropolitan Statistical Area, 1966

LOCATION	TOTAL	MEDIAN ANNUAL SALARY
ALL LOCATIONS	242,763	12,000
STANDARD METROPOLITAN STATISTICAL AREAS	187,506	12,200
ABILENE, TEX.	113	9,000
AKRON, OHIO	1,182	12,000
ALBANY, GA.	35	-------
ALBANY-SCHENECTADY-TROY, N.Y.	1,572	13,000
ALBUQUERQUE, N.M.	744	13,200
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	669	11,700
ALTOONA, PA.	34	9,000
AMARILLO, TEX.	187	10,800
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	1,349	13,400
ANDERSON, IND.	21	-------
ANN ARBOR, MICH.	1,831	12,800
ASHEVILLE, N.C.	156	10,900
ATLANTA, GA.	1,281	11,600
ATLANTIC CITY, N.J.	52	12,100
AUGUSTA, GA.-S.C.	281	12,100
AUSTIN, TEX.	961	12,000
BAKERSFIELD, CALIF.	550	12,000
BALTIMORE, MD.	2,089	12,000
BATON ROUGE, LA.	737	12,200
BAY CITY, MICH.	36	9,400
BEAUMONT-PORT ARTHUR, TEX.	403	11,400
BILLINGS, MONT.	149	10,600
BINGHAMTON, N.Y.-PA.	424	12,500
BIRMINGHAM, ALA.	314	12,500
BLOOMINGTON-NORMAL, ILL.	158	11,800
BOISE CITY, IDAHO	122	9,900
BOSTON, MASS.	7,852	12,500
BRIDGEPORT, CONN.	242	10,200
BROCKTON, MASS.	58	10,000
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	34	9,900
BUFFALO, N.Y.	1,887	11,700
CANTON, OHIO	106	10,300
CEDAR RAPIDS, IOWA	103	10,600
CHAMPAIGN-URBANA, ILL.	1,708	12,200
CHARLESTON, S.C.	195	11,400
CHARLESTON, W.VA.	506	12,700
CHARLOTTE, N.C.	273	11,200
CHATTANOOGA, TENN.-GA.	199	10,800
CHICAGO, ILL.	8,498	12,000
CINCINNATI, OHIO-KY.-IND.	1,570	12,000
CLEVELAND, OHIO	2,804	12,000
COLORADO SPRINGS, COLO.	291	11,500
COLUMBIA, S.C.	242	10,200
COLUMBUS, GA.-ALA.	48	9,400
COLUMBUS, OHIO	1,941	11,800
CORPUS CHRISTI, TEX.	434	10,700
DALLAS, TEX.	1,481	12,600
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	190	10,300
DAYTON, OHIO	1,062	12,000
DECATUR, ILL.	114	12,500
DENVER, COLO.	2,931	12,000
DES MOINES, IOWA	232	11,000
DETROIT, MICH.	2,591	11,800
DUBUQUE, IOWA	52	8,000
DULUTH-SUPERIOR, MINN.-WIS.	190	9,300
DURHAM, N.C.	707	13,300
EL PASO, TEX.	180	10,200
ERIE, PA.	145	10,000
EUGENE, OREG.	422	10,500
EVANSVILLE, IND.-KY.	204	11,500
FALL RIVER, MASS.-R.I.	32	11,500
FARGO-MOORHEAD, N.DAK.-MINN.	224	10,100
FAYETTEVILLE, N.C.	40	-------
FITCHBURG-LEOMINSTER, MASS.	64	11,100
FLINT, MICH.	139	10,500
FORT LAUDERDALE-HOLLYWOOD, FLA.	116	9,800
FORT SMITH, ARK.-OKLA.	20	-------
FORT WAYNE, IND.	198	10,400
FORT WORTH, TEX.	500	12,000
FRESNO, CALIF.	243	10,600
GADSDEN, ALA.	4	-------
GALVESTON-TEXAS CITY, TEX.	221	12,400
GARY-HAMMOND-EAST CHICAGO, IND.	472	13,000
GRAND RAPIDS, MICH.	236	9,900
GREAT FALLS, MONT.	67	11,400
GREEN BAY, WIS.	62	8,900
GREENSBORO-HIGH POINT, N.C.	191	10,000
GREENVILLE, S.C.	77	10,200
HAMILTON-MIDDLETOWN, OHIO	198	10,500
HARRISBURG, PA.	314	9,900
HARTFORD, CONN.	800	12,300
HONOLULU, HAWAII	736	12,000
HOUSTON, TEX.	3,236	12,500
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	152	9,600
HUNTSVILLE, ALA.	561	12,500
INDIANAPOLIS, IND.	1,020	12,000
JACKSON, MICH.	48	9,700
JACKSON, MISS.	269	11,000
JACKSONVILLE, FLA.	149	10,600
JERSEY CITY, N.J.	523	11,400
JOHNSTOWN, PA.	49	8,700
KALAMAZOO, MICH.	509	13,000
KANSAS CITY, MO.-KANS.	967	11,500
KENOSHA, WIS.	37	8,400
KNOXVILLE, TENN.	1,381	13,000
LAFAYETTE, LA.	388	10,800
LAFAYETTE-WEST LAFAYETTE, IND.	686	13,000
LAKE CHARLES, LA.	139	10,500
LANCASTER, PA.	334	11,000
LANSING, MICH.	1,193	12,300
LAREDO, TEX.	18	-------
LAS VEGAS, NEV.	180	11,000
LAWRENCE-HAVERHILL, MASS.-N.H.	104	10,500
LAWTON, OKLA.	38	-------
LEWISTON-AUBURN, MAINE	30	-------
LEXINGTON, KY.	576	12,000
LIMA, OHIO	41	9,500
LINCOLN, NEBR.	532	10,500
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	227	11,200
LORAIN-ELYRIA, OHIO	171	10,800
LOS ANGELES-LONG BEACH, CALIF.	9,468	13,300
LOUISVILLE, KY.-IND.	576	11,000
LOWELL, MASS.	146	11,600
LUBBOCK, TEX.	215	11,300
LYNCHBURG, VA.	98	10,500
MACON, GA.	76	9,200
MADISON, WIS.	1,961	12,000
MANCHESTER, N.H.	33	-------
MANSFIELD, OHIO	23	-------
MAYAGUEZ, P.R.	58	8,400
MCALLEN-PHARR-EDINBURG, TEX.	50	11,000
MEMPHIS, TENN.-ARK.	443	11,200
MERIDEN, CONN.	11	-------
MIAMI, FLA.	646	10,800
MIDLAND, TEX.	622	11,500
MILWAUKEE, WIS.	994	11,000
MINNEAPOLIS-ST. PAUL, MINN.	3,173	12,000
MOBILE, ALA.	142	10,200
MONROE, LA.	81	9,600
MONTGOMERY, ALA.	94	9,800
MUNCIE, IND.	122	9,600
MUSKEGON-MUSKEGON HEIGHTS, MICH.	59	11,200
NASHVILLE, TENN.	567	11,000
NEW BEDFORD, MASS.	34	10,800
NEW BRITAIN, CONN.	44	9,600
NEW HAVEN, CONN.	1,262	11,500
NEW LONDON-GROTON-NORWICH, CONN.	325	12,500
NEW ORLEANS, LA.	1,472	11,500
NEW YORK, N.Y.	15,994	13,000
NEWARK, N.J.	4,659	13,200
NEWPORT NEWS-HAMPTON, VA.	245	10,500
NORFOLK-PORTSMOUTH, VA.	274	10,000
NORWALK, CONN.	237	13,500
ODESSA, TEX.	48	9,600
OGDEN, UTAH	128	10,500
OKLAHOMA CITY, OKLA.	1,114	11,500
OMAHA, NEBR.-IOWA	451	11,300
ORLANDO, FLA.	220	12,000
OXNARD-VENTURA, CALIF.	-------	-------
PATERSON-CLIFTON-PASSAIC, N.J.	1,344	12,500
PENSACOLA, FLA.	100	10,700
PEORIA, ILL.	280	11,400
PHILADELPHIA, PA.-N.J.	7,009	12,200
PHOENIX, ARIZ.	757	11,000
PINE BLUFF, ARK.	41	10,000
PITTSBURGH, PA.	3,129	12,500
PITTSFIELD, MASS.	96	12,000
PONCE, P.R.	18	-------
PORTLAND, MAINE	84	9,400
PORTLAND, OREG.-WASH.	863	11,000
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	722	10,800
PROVO-OREM, UTAH	220	9,400
PUEBLO, COLO.	62	9,200
RACINE, WIS.	114	12,000
RALEIGH, N.C.	675	11,600
READING, PA.	102	10,200

Appendix Table A–28. Number and median annual salaries of full-time employed civilian scientists, by Standard Metropolitan Statistical Area, 1966—Continued

LOCATION	TOTAL	MEDIAN ANNUAL SALARY
STANDARD METROPOLITAN STATISTICAL AREAS – CONTINUED		
RENO, NEV.	219	11,000
RICHMOND, VA.	640	11,700
ROANOKE, VA.	70	10,800
ROCHESTER, N.Y.	2,101	13,000
ROCKFORD, ILL.	74	10,500
SACRAMENTO, CALIF.	1,404	11,800
SAGINAW, MICH.	40	9,200
ST. JOSEPH, MO.	26	———
ST. LOUIS, MO.–ILL.	2,684	12,300
SALEM, OREG.	119	9,800
SALINAS–MONTEREY, CALIF.	566	12,200
SALT LAKE CITY, UTAH	817	11,500
SAN ANGELO, TEX.	34	———
SAN ANTONIO, TEX.	610	11,000
SAN BERNARDINO–RIVERSIDE–ONTARIO, CALIF.	1,010	11,700
SAN DIEGO, CALIF.	1,594	12,000
SAN FRANCISCO–OAKLAND, CALIF.	6,686	13,000
SAN JOSE, CALIF.	2,876	13,300
SAN JUAN, P.R.	197	9,600
SANTA BARBARA, CALIF.	556	12,500
SAVANNAH, GA.	139	10,500
SCRANTON, PA.	64	8,800
SEATTLE–EVERETT, WASH.	2,137	11,500
SHREVEPORT, LA.	265	11,000
SIOUX CITY, IOWA–NEB.	38	8,400
SIOUX FALLS, S.DAK.	39	8,400
SOUTH BEND, IND.	368	10,000
SPOKANE, WASH.	159	10,000
SPRINGFIELD, ILL.	69	10,300
SPRINGFIELD, MO	92	9,500
SPRINGFIELD, OHIO	48	10,300
SPRINGFIELD–CHICOPEE–HOLYOKE, MASS.–CONN.	513	11,500
STAMFORD, CONN.	491	13,700
STEUBENVILLE–WEIRTON, OHIO	58	9,500
STOCKTON, CALIF.	119	10,000
SYRACUSE, N.Y.	1,113	12,000
TACOMA, WASH.	270	10,000
TALLAHASSEE, FLA.	519	11,000
TAMPA–ST. PETERSBURG, FLA.	386	10,200
TERRE HAUTE, IND.	327	11,000
TEXARKANA, TEX.–ARK.	21	———
TOLEDO, OHIO–MICH.	510	11,000
TOPEKA, KANS.	160	10,200
TRENTON, N.J.	1,660	13,100
TUCSON, ARIZ.	821	11,000
TUSLA, OKLA.	637	12,000
TUSCALOOSA, ALA.	201	10,600
TYLER, TEX.	110	11,200
UTICA–RONE, N.Y.	200	10,000
VALLEJO–NAPA, CALIF.	144	10,800
WACO, TEX.	127	11,000
WASHINGTON, D.C.–MD.–VA.	13,330	13,900
WATERBURY, CONN.	195	11,600
WATERLOO, IOWA	80	9,500
WEST PALM BEACH, FLA.	140	11,500
WHEELING, W.VA.–OHIO	61	8,900
WICHITA, KANS.	382	10,400
WICHITA FALLS, TEX.	96	9,500
WILKES–BARRE–HAZLETON, PA.	110	8,800
WILMINGTON, DEL.–N.J.–MD.	2,716	14,400
WILMINGTON, N.C.	34	8,300
WINSTON SALEM, N.C.	219	11,300
WORCESTER, MASS.	367	10,500
YORK, PA.	118	10,000
YOUNGSTOWN–WARREN, OHIO	135	9,500
OTHER LOCATIONS	55,257	10,800

NOTE – NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–29. Number of scientists, by Standard Metropolitan Statistical Area and field, 1966

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD					
		CHEMISTRY	EARTH SCIENCES	METEOROLOGY	PHYSICS	MATHEMATICS	AGRICULTURAL SCIENCES
ALL LOCATIONS	242,763	65,917	19,749	6,283	29,130	22,806	10,038
STANDARD METROPOLITAN STATISTICAL AREAS	187,506	52,270	14,971	4,608	23,685	18,693	4,021
ABILENE, TEX.	113	10	57	8	4	7	3
AKRON, OHIO	1,182	710	37	6	62	53	7
ALBANY, GA.	35	3	3	11	2	1	4
ALBANY-SCHENECTADY-TROY, N.Y.	1,572	534	48	18	356	131	25
ALBUQUERQUE, N.M.	744	83	71	33	217	101	44
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	699	276	29	1	100	61	5
ALTOONA, PA.	34	11	1	-------	3	1	2
AMARILLO, TEX.	187	27	79	13	16	8	10
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	1,349	347	137	12	228	254	12
ANDERSON, IND.	21	5	-------	-------	1	5	-------
ANN ARBOR, MICH.	1,831	313	114	55	268	207	42
ASHEVILLE, N.C.	156	48	4	36	4	11	22
ATLANTA, GA.	1,281	300	39	38	129	148	60
ATLANTIC CITY, N.J.	52	6	1	9	1	15	2
AUGUSTA, GA.-S.C.	281	98	5	5	40	12	13
AUSTIN, TEX.	961	205	130	17	197	81	2
BAKERSFIELD, CALIF.	550	117	172	11	68	50	19
BALTIMORE, MD.	2,089	611	76	18	292	219	21
BATON ROUGE, LA.	737	274	61	4	49	39	49
BAY CITY, MICH.	036	6	4	-------	5	5	-------
BEAUMONT-PORT ARTHUR, TEX.	403	200	46	3	11	24	4
BILLINGS, MONT.	149	7	89	4	1	6	14
BINGHAMTON, N.Y.-PA.	424	141	13	3	54	95	4
BIRMINGHAM, ALA.	314	92	10	3	12	30	7
BLOOMINGTON-NORMAL, ILL.	158	19	17	-------	5	28	5
BOISE CITY, IDAHO	122	4	16	7	2	4	55
BOSTON, MASS.	7,852	1,889	246	286	1,769	982	31
BRIDGEPORT, CONN.	242	93	4	2	15	26	3
BROCKTON, MASS.	58	14	4	-------	10	1	1
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	34	3	2	7	-------	1	2
BUFFALO, N.Y.	1,887	844	42	15	176	137	3
CANTON, OHIO	106	43	4	-------	10	7	2
CEDAR RAPIDS, IOWA	103	22	3	1	10	15	-------
CHAMPAIGN-URBANA, ILL.	1,708	337	139	29	333	185	68
CHARLESTON, S.C.	195	42	7	21	11	13	17
CHARLESTON, W.VA.	506	330	20	3	6	13	9
CHARLOTTE, N.C.	273	130	3	5	11	21	5
CHATTANOOGA, TENN.-GA.	199	99	6	3	10	27	5
CHICAGO, ILL.	8,498	3,064	215	142	945	647	51
CINCINNATI, OHIO-KY.-IND.	1,570	698	46	45	97	105	8
CLEVELAND, OHIO	2,804	1,175	62	20	444	158	4
COLORADO SPRINGS, COLO.	291	30	15	19	49	91	5
COLUMBIA, S.C.	242	67	20	7	22	24	24
COLUMBUS, GA.-ALA.	48	10	1	11	3	3	1
COLUMBUS, OHIO	1,941	531	154	13	230	149	76
CORPUS CHRISTI, TEX.	434	125	242	5	4	7	1
DALLAS, TEX.	1,481	272	404	27	201	168	8
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	190	66	11	3	23	20	6
DAYTON, OHIO	1,062	378	14	17	230	114	4
DECATUR, ILL.	114	70	1	-------	5	3	2
DENVER, COLO.	2,931	435	952	163	381	171	77
DES MOINES, IOWA	232	23	6	7	14	44	6
DETROIT, MICH.	2,591	911	72	23	243	252	9
DUBUQUE, IOWA	52	11	1	-------	7	9	-------
DULUTH-SUPERIOR, MINN.-WIS.	190	25	23	9	13	20	32
DURHAM, N.C.	707	250	12	5	84	50	9
EL PASO, TEX.	180	30	30	10	27	18	4
ERIE, PA.	145	66	8	-------	11	8	2
EUGENE, OREG.	422	62	37	4	53	44	71
EVANSVILLE, IND.-KY.	204	83	46	3	5	3	-------
FALL RIVER, MASS.-R.I.	32	20	-------	-------	1	1	-------
FARGO-MOORHEAD, N.DAK.-MINN.	224	64	5	1	10	21	22
FAYETTEVILLE, N.C.	40	6	2	1	4	4	3
FITCHBURG-LEOMINSTER, MASS.	64	35	3	1	5	3	-------
FLINT, MICH.	139	28	7	3	13	21	1
FORT LAUDERDALE-HOLLYWOOD, FLA.	116	29	8	1	7	6	12
FORT SMITH, ARK.-OKLA.	20	2	7	2	2	-------	1
FORT WAYNE, IND.	198	38	-------	2	25	67	-------
FORT WORTH, TEX.	500	74	100	22	72	89	6
FRESNO, CALIF.	243	34	22	5	15	6	42
GADSDEN, ALA.	4	-------	-------	-------	-------	-------	1
GALVESTON-TEXAS CITY, TEX.	221	98	5	3	2	4	3
GARY-HAMMOND-EAST CHICAGO, IND.	472	245	12	1	24	32	1
GRAND RAPIDS, MICH.	236	75	9	4	19	22	3
GREAT FALLS, MONT.	67	7	8	26	-------	6	7
GREEN BAY, WIS.	62	21	1	2	3	6	-------
GREENSBORO-HIGH POINT, N.C.	191	58	7	6	6	24	3
GREENVILLE, S.C.	77	36	-------	-------	4	4	1
HAMILTON-MIDDLETOWN, OHIO	198	43	24	-------	21	19	1
HARRISBURG, PA.	314	53	52	12	24	25	31
HARTFORD, CONN.	800	142	13	50	120	196	14
HONOLULU, HAWAII	736	108	61	74	48	57	44
HOUSTON, TEX.	3,236	664	1,242	44	204	295	10
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	152	77	13	4	6	7	4
HUNTSVILLE, ALA.	561	95	4	25	176	161	5
INDIANAPOLIS, IND.	1,020	403	25	6	44	87	21
JACKSON, MICH.	48	5	8	1	6	5	5
JACKSON, MISS.	269	25	120	3	9	11	11

Appendix Table A–29. Number of scientists, by Standard Metropolitan Statistical Area and field, 1966—Continued

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	ANTHRO-POLOGY	LINGUISTICS	OTHER FIELDS
ALL LOCATIONS	29,633	19,027	3,042	13,150	3,640	919	1,269	18,160
STANDARD METROPOLITAN STATISTICAL AREAS	22,382	15,441	2,447	10,406	2,798	693	967	14,124
ABILENE, TEX.	5	13	------	2	2	------	------	2
AKRON, OHIO	39	70	9	68	15	1	1	104
ALBANY, GA.	4	------	------	3	------	------	------	4
ALBANY-SCHENECTADY-TROY, N.Y.	172	81	22	51	18	6	3	107
ALBUQUERQUE, N.M.	67	40	15	19	6	9	3	36
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	30	43	8	30	6	1	3	76
ALTOONA, PA.	3	6	------	1	1	------	------	5
AMARILLO, TEX.	8	10	------	3	2	------	------	11
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	69	94	10	44	7	2	5	128
ANDERSON, IND.	------	3	------	1	2	------	------	4
ANN ARBOR, MICH.	324	187	28	86	52	13	41	101
ASHEVILLE, N.C.	13	5	------	4	2	------	------	7
ATLANTA, GA.	246	118	17	94	29	1	------	62
ATLANTIC CITY, N.J.	3	11	1	------	------	------	------	3
AUGUSTA, GA.-S.C.	40	15	------	7	1	------	------	45
AUSTIN, TEX.	92	83	15	46	17	8	26	42
BAKERSFIELD, CALIF.	30	24	5	7	------	------	------	47
BALTIMORE, MD.	422	161	38	59	28	3	5	136
BATON ROUGE, LA.	91	26	3	51	15	------	3	72
BAY CITY, MICH.	1	7	1	------	1	------	------	6
BEAUMONT-PORT ARTHUR, TEX.	12	2	2	7	4	------	------	80
BILLINGS, MONT.	7	4	1	4	1	------	------	11
BINGHAMTON, N.Y.-PA.	16	31	5	17	1	3	------	41
BIRMINGHAM, ALA.	105	11	3	17	4	1	------	19
BLOOMINGTON-NORMAL, ILL.	18	29	3	15	8	------	2	9
BOISE CITY, IDAHO	11	14	------	5	1	------	------	3
BOSTON, MASS.	913	596	81	353	136	46	63	461
BRIDGEPORT, CONN.	16	29	4	17	7	------	------	26
BROCKTON, MASS.	4	17	------	------	1	------	------	6
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	17	1	------	1	------	------	------	------
BUFFALO, N.Y.	237	117	22	58	32	10	5	189
CANTON, OHIO	8	9	3	3	3	------	------	14
CEDAR RAPIDS, IOWA	12	14	1	8	4	------	2	11
CHAMPAIGN-URBANA, ILL.	247	122	12	136	26	6	17	51
CHARLESTON, S.C.	57	5	------	7	------	------	------	15
CHARLESTON, W.VA.	8	14	5	14	2	------	1	81
CHARLOTTE, N.C.	11	23	6	17	5	------	------	36
CHATTANOOGA, TENN.-GA.	9	10	2	5	1	------	------	22
CHICAGO, ILL.	1,119	744	110	542	135	36	58	690
CINCINNATI, OHIO-KY.-IND.	225	87	18	70	7	3	3	158
CLEVELAND, OHIO	261	209	20	136	35	6	6	268
COLORADO SPRINGS, COLO.	10	24	6	14	1	1	------	26
COLUMBIA, S.C.	14	24	1	23	3	1	1	11
COLUMBUS, GA.-ALA.	4	12	------	------	------	------	1	2
COLUMBUS, OHIO	271	159	17	121	45	5	16	154
CORPUS CHRISTI, TEX.	14	5	------	2	------	------	------	29
DALLAS, TEX.	130	78	19	71	17	2	3	81
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	16	15	5	10	3	2	------	10
DAYTON, OHIO	65	88	17	29	14	2	2	88
DECATUR, ILL.	6	3	2	6	------	------	------	16
DENVER, COLO.	222	192	24	75	30	16	5	188
DES MOINES, IOWA	39	48	4	23	4	------	1	13
DETROIT, MICH.	242	307	34	162	49	11	10	266
DUBUQUE, IOWA	6	9	------	2	4	------	------	3
DULUTH-SUPERIOR, MINN.-WIS.	24	18	1	9	1	------	------	15
DURHAM, N.C.	166	46	15	25	16	5	6	18
EL PASO, TEX.	14	19	1	5	6	------	2	14
ERIE, PA.	10	18	------	10	2	------	1	9
EUGENE, OREG.	22	55	5	30	18	11	1	9
EVANSVILLE, IND.-KY.	28	16	5	4	1	------	------	10
FALL RIVER, MASS.-R.I.	4	1	------	1	------	------	------	4
FARGO-MOORHEAD, N.DAK.-MINN.	58	11	2	21	4	------	------	5
FAYETTEVILLE, N.C.	5	4	------	1	1	------	------	9
FITCHBURG-LEOMINSTER, MASS.	1	4	------	1	1	------	------	10
FLINT, MICH.	12	19	1	6	4	------	------	24
FORT LAUDERDALE-HOLLYWOOD, FLA.	12	27	------	2	1	------	------	11
FORT SMITH, ARK.-OKLA.	2	1	------	2	------	------	------	1
FORT WAYNE, IND.	11	22	1	6	2	------	1	23
FORT WORTH, TEX.	26	41	10	18	6	------	3	33
FRESNO, CALIF.	51	33	2	17	3	1	1	11
GADSDEN, ALA.	1	2	------	------	------	------	------	------
GALVESTON-TEXAS CITY, TEX.	54	9	4	4	------	------	------	35
GARY-HAMMOND-EAST CHICAGO, IND.	18	28	6	15	------	------	------	90
GRAND RAPIDS, MICH.	32	32	4	12	3	------	1	20
GREAT FALLS, MONT.	4	1	------	3	1	------	------	4
GREEN BAY, WIS.	10	6	------	4	1	------	------	8
GREENSBORO-HIGH POINT, N.C.	18	20	4	22	10	1	------	12
GREENVILLE, S.C.	8	9	2	1	4	------	------	8
HAMILTON-MIDDLETOWN, OHIO	24	26	1	10	8	1	2	18
HARRISBURG, PA.	32	33	12	16	5	------	------	19
HARTFORD, CONN.	43	71	12	57	8	------	10	64
HONOLULU, HAWAII	149	60	7	41	22	12	21	32
HOUSTON, TEX.	236	95	15	117	17	4	5	288
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	6	10	------	7	4	------	------	------
HUNTSVILLE, ALA.	5	8	6	8	------	------	------	14
INDIANAPOLIS, IND.	262	64	14	24	9	------	------	68
JACKSON, MICH.	6	2	------	------	------	------	------	10
JACKSON, MISS.	53	18	1	6	4	------	------	8

Appendix Table A–29. Number of scientists, by Standard Metropolitan Statistical Area and field, 1966—Continued

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD					
		CHEMISTRY	EARTH SCIENCES	METEOROLOGY	PHYSICS	MATHEMATICS	AGRICULTURAL SCIENCES
STANDARD METROPOLITAN STATISTICAL AREAS-CONTINUED							
JACKSONVILLE, FLA.	149	38	7	15	9	15	11
JERSEY CITY, N.J.	523	256	2	------	54	36	1
JOHNSTOWN, PA.	49	12	2	------	3	2	2
KALAMAZOO, MICH.	509	244	17	1	19	23	6
KANSAS CITY, MO.-KANS.	967	380	30	65	49	69	8
KENOSHA, WIS.	37	15	2	1	2	2	------
KNOXVILLE, TENN.	1,381	409	61	10	342	78	59
LAFAYETTE, LA.	388	9	322	1	4	13	5
LAFAYETTE-WEST LAFAYETTE, IND.	686	152	6	3	104	88	51
LAKE CHARLES, LA.	139	70	14	3	2	7	4
LANCASTER, PA.	334	146	13	1	47	20	1
LANSING, MICH.	1,193	222	79	2	116	85	106
LAREDO, TEX.	18	2	3	4	3	------	------
LAS VEGAS, NEV.	180	37	21	30	24	16	5
LAWRENCE-HAVERHILL, MASS.-N.H.	104	38	3	3	15	8	------
LAWTON, OKLA.	38	7	2	9	8	4	3
LEWISTON-AUBURN, MAINE	30	6	2	2	5	4	1
LEXINGTON, KY.	576	106	32	4	40	52	36
LIMA, OHIO	41	13	5	------	4	3	1
LINCOLN, NEBR.	532	88	41	7	46	53	56
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	227	43	20	10	13	8	18
LORAIN-ELYRIA, OHIO	171	80	7	------	10	9	------
LOS ANGELES-LONG BEACH, CALIF.	9,468	1,809	808	219	1,536	1,643	49
LOUISVILLE, KY.-IND.	576	242	14	9	32	38	7
LOWELL, MASS.	146	68	1	2	29	11	------
LUBBOCK, TEX.	215	50	34	7	21	12	19
LYNCHBURG, VA.	98	24	1	3	24	9	4
MACON, GA.	76	11	3	10	1	4	18
MADISON, WIS.	1,961	508	93	53	255	191	99
MANCHESTER, N.H.	33	5	1	------	1	3	1
MANSFIELD, OHIO	23	5	1	1	1	4	------
MAYAGUEZ, P.R.	58	12	6	------	13	4	1
MCALLEN-PHARR-EDINBURG, TEX.	50	5	10	2	5	1	7
MEMPHIS, TENN.-ARK.	443	152	14	15	16	23	9
MERIDEN, CONN.	11	4	------	------	------	1	------
MIAMI, FLA.	646	119	60	68	36	41	18
MIDLAND, TEX.	622	3	600	2	1	3	1
MILWAUKEE, WIS.	994	283	36	6	84	108	26
MINNEAPOLIS-ST. PAUL, MINN.	3,173	977	124	47	291	356	145
MOBILE, ALA.	142	50	8	7	7	9	16
MONROE, LA.	81	24	7	------	4	5	12
MONTGOMERY, ALA.	94	9	3	19	4	12	18
MUNCIE, IND.	122	14	12	1	8	15	------
MUSKEGON-MUSKEGON HEIGHTS, MICH.	59	34	2	1	3	------	------
NASHVILLE, TENN.	567	142	24	2	68	39	16
NEW BEDFORD, MASS.	34	17	------	------	4	3	------
NEW BRITAIN, CONN.	44	6	4	1	5	6	------
NEW HAVEN, CONN.	1,262	354	49	3	201	88	15
NEW LONDON-GROTON-NORWICH, CONN.	325	91	15	------	82	21	1
NEW ORLEANS, LA.	1,472	298	614	20	64	96	11
NEW YORK, N.Y.	15,994	3,820	474	266	1,713	1,881	46
NEWARK, N.J.	4,659	2,401	40	9	516	355	9
NEWPORT NEWS-HAMPTON, VA.	245	24	2	44	107	32	1
NORFOLK-PORTSMOUTH, VA.	274	41	20	39	30	37	10
NORWALK, CONN.	237	88	5	------	82	7	------
ODESSA, TEX.	48	24	12	------	------	2	1
OGDEN, UTAH	128	13	9	9	10	14	26
OKLAHOMA CITY, OKLA.	1,114	125	491	54	75	72	12
OMAHA, NEBR.-IOWA	451	71	17	101	19	64	7
ORLANDO, FLA.	220	38	5	6	62	33	9
OXNARD-VENTURA, CALIF.	------	------	------	------	------	------	------
PATERSON-CLIFTON-PASSAIC, N.J.	1,344	738	25	6	89	99	7
PENSACOLA, FLA.	180	74	8	7	5	6	17
PEORIA, ILL.	280	156	7	8	11	15	1
PHILADELPHIA, PA.-N.J.	7,009	2,720	97	43	669	598	53
PHOENIX, ARIZ.	757	138	62	21	84	126	46
PINE BLUFF, ARK.	41	10	1	------	------	1	10
PITTSBURGH, PA.	3,129	1,149	157	23	484	245	14
PITTSFIELD, MASS.	96	57	2	------	2	10	1
PONCE, P.R.	18	13	------	------	------	------	------
PORTLAND, MAINE	84	24	3	6	6	7	4
PORTLAND, OREG.-WASH.	863	160	49	13	60	52	162
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	722	244	25	4	142	55	7
PROVO-OREM, UTAH	220	47	22	2	31	24	10
PUEBLO, COLO.	62	11	4	3	5	9	3
RACINE, WIS.	114	65	3	------	4	7	1
RALEIGH, N.C.	675	118	29	8	61	64	94
READING, PA.	182	79	9	1	27	7	1
RENO, NEV.	219	39	39	9	24	9	30
RICHMOND, VA.	640	271	9	5	33	42	19
ROANOKE, VA.	70	11	5	2	8	4	4
ROCHESTER, N.Y.	2,101	803	34	8	493	118	8
ROCKFORD, ILL.	74	26	3	1	4	11	2
SACRAMENTO, CALIF.	1,404	304	124	46	76	101	143
SAGINAW, MICH.	40	9	1	------	6	2	4
ST. JOSEPH, MO.	26	9	1	------	1	1	------
ST. LOUIS, MO.-ILL.	2,684	1,016	115	134	222	219	17
SALEM, OREG.	119	13	7	2	5	8	34
SALINAS-MONTEREY, CALIF.	566	73	78	49	111	76	19
SALT LAKE CITY, UTAH	817	159	150	62	65	60	21

Appendix Table A–29. Number of scientists, by Standard Metropolitan Statistical Area and field, 1966—Continued

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	ANTHRO-POLOGY	LINGUISTICS	OTHER FIELDS
STANDARD METROPOLITAN STATISTICAL AREAS–CONTINUED								
JACKSONVILLE, FLA.	21	10	2	9	1	-------	-------	11
JERSEY CITY, N.J.	62	25	3	23	4	-------	3	54
JOHNSTOWN, PA.	6	10	-------	5	1	-------	-------	6
KALAMAZOO, MICH.	88	40	5	25	16	5	4	16
KANSAS CITY, MO.-KANS.	146	78	8	70	5	-------	1	58
KENOSHA, WIS.	7	1	-------	2	2	-------	-------	3
KNOXVILLE, TENN.	179	53	10	60	10	2	-------	108
LAFAYETTE, LA.	12	9	2	1	1	-------	-------	9
LAFAYETTE-WEST LAFAYETTE, IND.	111	47	8	61	14	1	3	37
LAKE CHARLES, LA.	5	3	-------	8	-------	-------	-------	23
LANCASTER, PA.	33	29	2	13	2	-------	2	25
LANSING, MICH.	219	115	21	124	40	9	17	38
LAREDO, TEX.	5	-------	-------	-------	-------	-------	-------	1
LAS VEGAS, NEV.	11	10	1	7	-------	-------	-------	18
LAWRENCE-HAVERHILL, MASS.-N.H.	8	7	1	6	1	2	-------	12
LAWTON, OKLA.	2	2	-------	-------	-------	-------	-------	1
LEWISTON-AUBURN, MAINE	1	4	-------	1	2	-------	-------	2
LEXINGTON, KY.	147	50	7	53	26	9	2	12
LIMA, OHIO	3	3	-------	2	1	-------	-------	6
LINCOLN, NEBR.	107	46	7	45	9	6	1	20
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	53	31	1	14	2	-------	-------	14
LORAIN-ELYRIA, OHIO	14	16	3	12	3	1	-------	16
LOS ANGELES-LONG BEACH, CALIF.	847	1,002	127	446	132	36	52	762
LOUISVILLE, KY.-IND.	81	57	7	15	7	1	-------	66
LOWELL, MASS.	6	5	2	5	-------	-------	-------	17
LUBBOCK, TEX.	24	16	3	11	6	2	-------	10
LYNCHBURG, VA.	6	9	-------	3	3	-------	-------	12
MACON, GA.	6	6	-------	6	2	-------	-------	9
MADISON, WIS.	339	147	18	100	50	12	25	71
MANCHESTER, N.H.	8	6	-------	2	-------	-------	-------	6
MANSFIELD, OHIO	4	5	-------	-------	1	-------	-------	1
MAYAGUEZ, P.R.	7	1	1	5	1	-------	2	5
MCALLEN-PHARR-EDINBURG, TEX.	17	-------	-------	1	-------	-------	-------	2
MEMPHIS, TENN.-ARK.	118	44	2	22	4	1	1	22
MERIDEN, CONN.	1	4	-------	-------	-------	-------	-------	1
MIAMI, FLA.	146	80	4	31	7	1	2	33
MIDLAND, TEX.	1	1	-------	-------	-------	-------	-------	10
MILWAUKEE, WIS.	145	112	14	55	15	11	7	92
MINNEAPOLIS-ST. PAUL, MINN.	439	299	48	185	41	7	12	202
MOBILE, ALA.	12	8	2	3	2	-------	-------	18
MONROE, LA.	9	5	1	5	2	-------	-------	7
MONTGOMERY, ALA.	6	9	-------	2	5	1	2	4
MUNCIE, IND.	21	20	2	7	5	2	4	11
MUSKEGON-MUSKEGON HEIGHTS, MICH.	2	5	1	1	1	-------	-------	9
NASHVILLE, TENN.	122	68	7	21	13	3	5	37
NEW BEDFORD, MASS.	-------	1	1	1	1	-------	1	5
NEW BRITAIN, CONN.	5	8	-------	2	1	-------	1	5
NEW HAVEN, CONN.	253	106	9	74	30	12	13	55
NEW LONDON-GROTON-NORWICH, CONN.	45	28	4	4	3	1	1	29
NEW ORLEANS, LA.	187	58	5	34	11	8	7	59
NEW YORK, N.Y.	2,089	2,238	243	1,461	340	72	103	1,248
NEWARK, N.J.	327	217	41	181	21	5	4	533
NEWPORT NEWS-HAMPTON, VA.	8	12	-------	2	1	-------	-------	12
NORFOLK-PORTSMOUTH, VA.	27	21	5	12	2	-------	2	28
NORWALK, CONN.	4	16	4	6	3	-------	-------	22
ODESSA, TEX.	3	-------	-------	3	-------	-------	-------	3
OGDEN, UTAH	15	7	6	5	-------	-------	-------	14
OKLAHOMA CITY, OKLA.	134	65	8	21	6	3	-------	48
OMAHA, NEBR.-IOWA	61	45	5	25	11	-------	-------	25
ORLANDO, FLA.	25	10	3	9	3	-------	-------	17
OXNARD-VENTURA, CALIF.	-------	-------	-------	-------	-------	-------	-------	-------
PATERSON-CLIFTON-PASSAIC, N.J.	64	96	9	71	3	1	-------	136
PENSACOLA, FLA.	14	13	2	3	-------	-------	-------	31
PEORIA, ILL.	20	21	3	17	2	-------	-------	19
PHILADELPHIA, PA.-N.J.	1,086	563	64	347	85	24	32	628
PHOENIX, ARIZ.	84	87	11	36	14	4	1	43
PINE BLUFF, ARK.	10	-------	1	1	2	-------	-------	5
PITTSBURGH, PA.	245	250	42	161	32	15	8	304
PITTSFIELD, MASS.	1	2	2	4	-------	-------	1	14
PONCE, P.R.	2	-------	-------	-------	1	1	1	-------
PORTLAND, MAINE	9	6	1	5	1	-------	-------	12
PORTLAND, OREG.-WASH.	168	90	6	46	13	4	4	36
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	76	66	2	27	12	4	9	49
PROVO-OREM, UTAH	27	22	6	7	10	1	2	9
PUEBLO, COLO.	4	15	1	3	-------	-------	-------	4
RACINE, WIS.	10	7	-------	6	1	-------	-------	10
RALEIGH, N.C.	156	30	16	63	15	-------	-------	21
READING, PA.	10	21	1	7	4	-------	-------	15
RENO, NEV.	25	13	-------	16	2	2	2	9
RICHMOND, VA.	113	46	6	36	10	-------	-------	50
ROANOKE, VA.	10	16	2	4	-------	-------	-------	4
ROCHESTER, N.Y.	211	109	32	69	13	7	16	180
ROCKFORD, ILL.	9	8	1	2	1	-------	-------	6
SACRAMENTO, CALIF.	312	100	23	70	31	5	10	59
SAGINAW, MICH.	7	3	-------	1	-------	-------	-------	7
ST. JOSEPH, MO.	6	5	-------	1	-------	-------	-------	2
ST. LOUIS, MO.-ILL.	290	148	20	159	46	10	4	284
SALEM, OREG.	12	21	1	5	2	-------	1	8
SALINAS-MONTEREY, CALIF.	41	36	11	20	3	2	7	40
SALT LAKE CITY, UTAH	131	60	12	22	8	6	3	58

Appendix Table A-29. Number of scientists, by Standard Metropolitan Statistical Area and field, 1966—Continued

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD					
		CHEMISTRY	EARTH SCIENCES	METEOROLOGY	PHYSICS	MATHEMATICS	AGRICULTURAL SCIENCES
STANDARD METROPOLITAN STATISTICAL AREAS-CONTINUED							
SAN ANGELO, TEX.	34	1	10	6	-------	1	6
SAN ANTONIO, TEX.	610	122	109	34	45	46	6
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	1,010	191	54	52	155	99	71
SAN DIEGO, CALIF.	1,594	245	190	25	389	222	21
SAN FRANCISCO-OAKLAND, CALIF.	6,686	1,809	508	173	1,010	618	140
SAN JOSE, CALIF.	2,876	474	133	71	693	538	17
SAN JUAN, P.R.	197	60	10	11	12	8	1
SANTA BARBARA, CALIF.	556	86	56	21	127	84	8
SAVANNAH, GA.	139	46	6	7	2	4	24
SCRANTON, PA.	64	17	1	-------	8	5	2
SEATTLE-EVERETT, WASH.	2,137	398	173	69	320	309	107
SHREVEPORT, LA.	265	26	154	27	6	12	3
SIOUX CITY, IOWA-NEB.	38	7	-------	6	3	2	4
SIOUX FALLS, S.DAK.	39	7	-------	4	3	2	-------
SOUTH BEND, IND.	368	129	7	2	72	51	-------
SPOKANE, WASH.	159	27	23	7	9	11	13
SPRINGFIELD, ILL.	69	7	4	1	1	11	8
SPRINGFIELD, MO.	92	24	4	3	3	6	4
SPRINGFIELD, OHIO	48	8	5	-------	7	3	-------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	513	199	11	28	38	51	3
STAMFORD, CONN.	491	304	7	3	60	13	-------
STEUBENVILLE-WEIRTON, OHIO-W.VA.	58	24	-------	-------	2	6	-------
STOCKTON, CALIF.	119	35	7	4	9	4	10
SYRACUSE, N.Y.	1,113	295	57	12	168	113	26
TACOMA, WASH.	270	49	25	13	7	20	44
TALLAHASSEE, FLA.	519	103	53	48	78	51	20
TAMPA-ST. PETERSBURG, FLA.	386	67	20	23	37	45	6
TERRE HAUTE, IND.	327	61	16	1	40	39	8
TEXARKANA, TEX.-ARK.	21	3	3	4	3	4	2
TOLEDO, OHIO-MICH.	510	175	32	4	66	33	3
TOPEKA, KANS.	160	23	14	8	5	6	1
TRENTON, N.J.	1,660	489	59	28	451	180	16
TUCSON, ARIZ.	821	152	140	28	126	34	39
TULSA, OKLA.	637	101	344	2	16	39	6
TUSCALOOSA, ALA.	201	41	24	2	23	20	7
TYLER, TEX.	110	5	89	1	2	2	1
UTICA-ROME, N.Y.	200	34	8	9	46	22	3
VALLEJO-NAPA, CALIF.	144	38	10	16	12	4	5
WACO, TEX.	127	47	10	12	12	4	4
WASHINGTON, D.C.-MD.-VA.	13,330	1,912	1,093	623	1,820	1,637	378
WATERBURY, CONN.	195	128	-------	-------	5	8	-------
WATERLOO, IOWA	80	12	4	1	3	8	-------
WEST PALM BEACH, FLA.	140	28	9	2	17	8	8
WHEELING, W.VA.-OHIO	61	22	6	-------	8	4	-------
WICHITA, KANS.	382	62	137	10	26	33	5
WICHITA FALLS, TEX.	96	8	46	10	3	8	-------
WILKES-BARRE-HAZLETON, PA.	110	38	2	4	12	10	2
WILMINGTON, DEL.-N.J.-MD.	2,716	1,804	18	4	136	47	17
WILMINGTON, N.C.	34	8	-------	6	2	2	7
WINSTON SALEM, N.C.	219	86	-------	-------	13	20	3
WORCESTER, MASS.	367	116	19	1	47	46	7
YORK, PA.	118	39	3	1	11	7	5
YOUNGSTOWN-WARREN, OHIO	135	48	10	2	10	8	1
OTHER LOCATIONS	55,257	13,647	4,778	1,675	5,445	4,113	6,017

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–29. Number of scientists, by Standard Metropolitan Statistical Area and field, 1966—Continued

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	ANTHRO-POLOGY	LINGUISTICS	OTHER FIELDS
STANDARD METROPOLITAN STATISTICAL AREAS-CONTINUED								
SAN ANGELO, TEX.	4	3	------	1	------	------	------	2
SAN ANTONIO, TEX.	113	70	12	19	7	------	3	24
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	181	80	6	32	12	1	4	72
SAN DIEGO, CALIF.	153	171	17	44	12	3	6	96
SAN FRANCISCO-OAKLAND, CALIF.	875	458	61	364	97	37	44	492
SAN JOSE, CALIF.	259	266	47	111	28	13	14	212
SAN JUAN, P.R.	23	17	4	20	9	4	9	9
SANTA BARBARA, CALIF.	40	57	4	23	13	6	1	30
SAVANNAH, GA.	22	6	------	5	2	------	------	15
SCRANTON, PA.	6	9	2	6	1	------	------	7
SEATTLE-EVERETT, WASH.	305	162	17	98	31	15	18	115
SHREVEPORT, LA.	5	8	------	5	1	------	------	18
SIOUX CITY, IOWA-NEB.	2	8	------	1	2	------	------	3
SIOUX FALLS, S.DAK.	9	7	------	1	2	1	------	3
SOUTH BEND, IND.	33	15	1	18	13	1	3	23
SPOKANE, WASH.	18	25	1	7	3	------	------	15
SPRINGFIELD, ILL.	10	11	2	4	2	2	------	6
SPRINGFIELD, MO.	17	5	------	11	6	------	------	9
SPRINGFIELD, OHIO	8	8	1	3	2	------	------	3
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	44	57	2	25	12	------	2	41
STAMFORD, CONN.	15	32	1	10	1	------	1	44
STEUBENVILLE-WEIRTON, OHIO-W.VA.	6	4	------	5	2	------	------	9
STOCKTON, CALIF.	16	23	------	5	2	------	------	4
SYRACUSE, N.Y.	153	104	8	56	20	6	9	86
TACOMA, WASH.	31	43	6	10	6	------	------	16
TALLAHASSEE, FLA.	41	52	8	28	19	1	3	14
TAMPA-ST. PETERSBURG, FLA.	45	83	6	9	12	1	1	31
TERRE HAUTE, IND.	47	43	5	39	5	------	------	23
TEXARKANA, TEX.-ARK.	------	------	1	------	------	------	------	1
TOLEDO, OHIO-MICH.	38	45	9	30	16	------	1	58
TOPEKA, KANS.	19	56	2	8	4	------	1	13
TRENTON, N.J.	84	135	18	65	19	3	8	105
TUCSON, ARIZ.	122	59	6	51	11	14	5	34
TULSA, OKLA.	10	28	5	21	6	------	------	59
TUSCALOOSA, ALA.	12	27	6	18	9	1	1	10
TYLER, TEX.	------	1	------	------	1	------	------	8
UTICA-ROME, N.Y.	17	28	2	3	------	1	------	27
VALLEJO-NAPA, CALIF.	14	29	1	2	2	------	------	11
WACO, TEX.	8	16	1	5	2	------	------	6
WASHINGTON, D.C.-MD.-VA.	1,898	883	484	1,456	243	51	102	750
WATERBURY, CONN.	6	7	1	9	------	------	------	31
WATERLOO, IOWA	13	16	2	9	2	------	3	7
WEST PALM BEACH, FLA.	21	16	2	4	4	1	3	17
WHEELING, W.VA.-OHIO	7	3	------	3	------	------	------	8
WICHITA, KANS.	15	35	3	19	4	------	------	33
WICHITA FALLS, TEX.	5	6	------	2	1	------	1	6
WILKES-BARRE-HAZLETON, PA.	13	13	1	6	1	------	------	8
WILMINGTON, DEL.-N.J.-MD.	100	72	22	134	7	------	1	354
WILMINGTON, N.C.	4	------	------	2	------	------	------	3
WINSTON SALEM, N.C.	54	12	6	7	5	2	------	11
WORCESTER, MASS.	50	38	1	14	4	------	1	23
YORK, PA.	13	13	2	5	2	------	------	17
YOUNGSTOWN-WARREN, OHIO	17	14	2	6	3	------	1	13
OTHER LOCATIONS	7,251	3,586	595	2,744	842	226	302	4,036

Appendix Table A–30. Number of scientists, by Standard Metropolitan Statistical Area and highest degree, 1966

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL LOCATIONS	242,763	90,304	6,436	66,754	73,764	2,435	3,070
STANDARD METROPOLITAN STATISTICAL AREAS	187,506	70,061	5,769	51,140	56,225	1,859	2,452
ABILENE, TEX.	113	27	------	30	50	4	2
AKRON, OHIO	1,182	364	4	269	525	7	13
ALBANY, GA.	35	2	------	12	16	2	3
ALBANY-SCHENECTADY-TROY, N.Y.	1,572	768	33	361	392	7	11
ALBUQUERQUE, N.M.	744	293	23	228	182	7	11
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	669	275	1	193	189	2	9
ALTOONA, PA.	34	6	------	17	10	1	------
AMARILLO, TEX.	187	36	1	38	102	5	5
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	1,349	451	8	405	430	27	28
ANDERSON, IND.	21	6	------	6	9	------	------
ANN ARBOR, MICH.	1,831	926	68	604	218	3	12
ASHEVILLE, N.C.	156	38	------	37	61	9	11
ATLANTA, GA.	1,281	504	51	333	357	18	18
ATLANTIC CITY, N.J.	52	7	1	18	19	5	2
AUGUSTA, GA.-S.C.	281	96	17	61	99	3	5
AUSTIN, TEX.	961	429	5	270	233	10	14
BAKERSFIELD, CALIF.	550	106	1	176	257	4	6
BALTIMORE, MD.	2,089	766	185	490	601	18	29
BATON ROUGE, LA.	737	335	------	202	196	3	1
BAY CITY, MICH.	36	8	------	20	8	------	------
BEAUMONT-PORT ARTHUR, TEX.	403	70	------	97	228	5	3
BILLINGS, MONT.	149	17	------	58	73	1	------
BINGHAMTON, N.Y.-PA.	424	135	2	120	153	6	8
BIRMINGHAM, ALA.	314	126	41	57	84	3	3
BLOOMINGTON-NORMAL, ILL.	158	78	------	61	17	2	------
BOISE CITY, IDAHO	122	18	1	47	53	2	1
BOSTON, MASS.	7,852	3,221	427	2,089	1,934	74	107
BRIDGEPORT, CONN.	242	77	------	73	87	3	2
BROCKTON, MASS.	58	30	------	15	13	------	------
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	34	8	------	5	18	2	1
BUFFALO, N.Y.	1,887	735	81	440	577	28	26
CANTON, OHIO	106	24	------	45	35	1	1
CEDAR RAPIDS, IOWA	103	43	------	29	29	------	2
CHAMPAIGN-URBANA, ILL.	1,708	874	14	578	227	5	10
CHARLESTON, S.C.	195	64	17	43	59	4	8
CHARLESTON, W.VA.	506	136	2	121	232	4	11
CHARLOTTE, N.C.	273	91	3	63	111	5	------
CHATTANOOGA, TENN.-GA.	199	47	2	55	87	3	5
CHICAGO, ILL.	8,498	3,032	298	2,339	2,636	78	115
CINCINNATI, OHIO-KY.-IND.	1,570	505	60	412	563	9	21
CLEVELAND, OHIO	2,804	858	127	754	1,016	22	27
COLORADO SPRINGS, COLO.	291	93	2	127	56	9	4
COLUMBIA, S.C.	242	110	1	54	73	2	2
COLUMBUS, GA.-ALA.	48	8	2	15	17	5	1
COLUMBUS, OHIO	1,941	856	42	546	474	7	16
CORPUS CHRISTI, TEX.	434	50	1	130	244	7	2
DALLAS, TEX.	1,481	503	44	388	515	21	10
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	190	41	3	73	70	1	2
DAYTON, OHIO	1,062	365	12	305	358	6	16
DECATUR, ILL.	114	39	------	22	49	2	2
DENVER, COLO.	2,931	944	65	853	1,024	19	26
DES MOINES, IOWA	232	64	2	97	63	------	6
DETROIT, MICH.	2,591	840	59	830	799	26	37
DUBUQUE, IOWA	52	21	------	28	2	------	1
DULUTH-SUPERIOR, MINN.-WIS.	190	61	1	66	57	4	1
DURHAM, N.C.	707	403	71	124	103	1	5
EL PASO, TEX.	180	56	2	38	79	3	2
ERIE, PA.	145	47	1	54	40	2	1
EUGENE, OREG.	422	175	1	112	131	3	------
EVANSVILLE, IND.-KY.	204	62	1	58	78	1	4
FALL RIVER, MASS.-R.I.	32	6	1	7	17	1	------
FARGO-MOORHEAD, N.DAK.-MINN.	224	129	1	64	26	2	2
FAYETTEVILLE, N.C.	40	3	2	14	20	------	1
FITCHBURG-LEOMINSTER, MASS.	64	19	------	17	26	2	------
FLINT, MICH.	139	35	1	67	31	3	2
FORT LAUDERDALE-HOLLYWOOD, FLA.	116	40	3	39	28	3	3
FORT SMITH, ARK.-OKLA.	20	------	------	6	14	------	------
FORT WAYNE, IND.	198	50	------	74	71	1	2
FORT WORTH, TEX.	500	129	------	177	187	6	1
FRESNO, CALIF.	243	107	2	50	78	5	1
GADSDEN, ALA.	4	------	------	4	------	------	------
GALVESTON-TEXAS CITY, TEX.	221	72	12	54	81	------	2
GARY-HAMMOND-EAST CHICAGO, IND.	472	163	1	145	158	2	3
GRAND RAPIDS, MICH.	236	70	4	89	66	3	4
GREAT FALLS, MONT.	67	3	2	17	38	3	4
GREEN BAY, WIS.	62	20	------	16	23	1	2
GREENSBORO-HIGH POINT, N.C.	191	83	------	47	53	2	6
GREENVILLE, S.C.	77	27	------	19	31	------	------
HAMILTON-MIDDLETOWN, OHIO	198	92	------	49	56	1	------
HARRISBURG, PA.	314	74	8	115	112	2	3
HARTFORD, CONN.	800	215	12	243	313	9	8
HONOLULU, HAWAII	736	332	12	204	173	9	6
HOUSTON, TEX.	3,236	806	76	848	1,430	35	41
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	152	29	------	28	93	1	1
HUNTSVILLE, ALA.	561	112	------	172	258	13	6
INDIANAPOLIS, IND.	1,020	355	58	294	300	5	8
JACKSON, MICH.	48	3	------	20	25	------	------
JACKSON, MISS.	269	56	25	84	100	3	1

Appendix Table A-30. Number of scientists, by Standard Metropolitan Statistical Area and highest degree, 1966—Continued

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
STANDARD METROPOLITAN STATISTICAL AREAS-CONTINUED							
JACKSONVILLE, FLA.	149	25	5	46	66	4	3
JERSEY CITY, N.J.	523	152	18	155	189	2	7
JOHNSTOWN, PA.	49	15	-------	20	14	-------	-------
KALAMAZOO, MICH.	509	303	8	104	87	1	6
KANSAS CITY, MO.-KANS.	967	284	39	266	348	12	18
KENOSHA, WIS.	37	13	-------	13	11	-------	-------
KNOXVILLE, TENN.	1,381	668	11	339	343	5	15
LAFAYETTE, LA.	388	29	2	141	191	10	5
LAFAYETTE-WEST LAFAYETTE, IND.	686	410	-------	180	91	2	3
LAKE CHARLES, LA.	139	20	-------	28	90	1	-------
LANCASTER, PA.	334	109	5	94	124	1	1
LANSING, MICH.	1,193	633	11	327	219	3	-------
LAREDO, TEX.	18	-------	1	6	11	-------	-------
LAS VEGAS, NEV.	180	23	2	59	86	5	5
LAWRENCE-HAVERHILL, MASS.-N.H.	104	28	2	33	37	4	-------
LAWTON, OKLA.	38	3	1	14	17	3	-------
LEWISTON-AUBURN, MAINE	30	12	1	4	12	1	-------
LEXINGTON, KY.	576	312	38	134	87	1	4
LIMA, OHIO	41	10	1	10	20	-------	-------
LINCOLN, NEBR.	532	257	6	162	97	1	9
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	227	75	18	64	65	2	3
LORAIN--ELYRIA, OHIO	171	57	-------	42	72	-------	-------
LOS ANGELES-LONG BEACH, CALIF.	9,468	3,467	220	2,597	2,862	142	180
LOUISVILLE, KY.-IND.	576	173	25	154	208	7	9
LOWELL, MASS.	146	50	1	45	45	2	3
LUBBOCK, TEX.	215	112	-------	58	41	1	3
LYNCHBURG, VA.	98	39	-------	29	26	2	2
MACON, GA.	76	14	-------	26	31	5	-------
MADISON, WIS.	1,961	942	54	543	400	7	15
MANCHESTER, N.H.	33	11	1	18	3	-------	-------
MANSFIELD, OHIO	23	3	1	11	7	-------	1
MAYAGUEZ, P.R.	58	30	-------	21	7	-------	-------
MCALLEN-PHARR-EDINBURG, TEX.	50	15	-------	16	19	-------	-------
MEMPHIS, TENN.-ARK.	443	188	33	91	120	6	5
MERIDEN, CONN.	11	5	1	-------	5	-------	-------
MIAMI, FLA.	646	278	36	149	155	10	18
MIDLAND, TEX.	622	22	-------	201	384	11	4
MILWAUKEE, WIS.	994	370	39	274	279	11	21
MINNEAPOLIS-ST. PAUL, MINN.	3,173	1,298	88	748	992	15	32
MOBILE, ALA.	142	35	-------	42	57	3	5
MONROE, LA.	81	33	-------	20	28	-------	-------
MONTGOMERY, ALA.	94	20	2	31	32	4	5
MUNCIE, IND.	122	71	2	32	17	-------	-------
MUSKEGON-MUSKEGON HEIGHTS, MICH.	59	6	1	19	31	2	-------
NASHVILLE, TENN.	567	249	49	137	126	2	4
NEW BEDFORD, MASS.	34	11	-------	7	16	-------	-------
NEW BRITAIN, CONN.	44	17	1	20	5	1	-------
NEW HAVEN, CONN.	1,262	649	91	314	194	4	10
NEW LONDON-GROTON-NORWICH, CONN.	325	114	5	101	97	3	5
NEW ORLEANS, LA.	1,472	406	53	428	559	14	12
NEW YORK, N.Y.	15,994	6,042	891	4,648	4,021	139	253
NEWARK, N.J.	4,659	1,789	42	1,190	1,517	41	80
NEWPORT NEWS-HAMPTON, VA.	245	30	1	78	126	4	6
NORFOLK-PORTSMOUTH, VA.	274	54	9	93	106	6	6
NORWALK, CONN.	237	54	2	79	94	2	6
ODESSA, TEX.	48	3	-------	12	33	-------	-------
OGDEN, UTAH	128	24	2	50	51	1	-------
OKLAHOMA CITY, OKLA.	1,114	287	30	332	436	17	12
OMAHA, NEBR.-IOWA	451	135	13	136	142	17	8
ORLANDO, FLA.	220	65	1	77	68	3	6
OXNARD-VENTURA, CALIF.	-------	-------	-------	-------	-------	-------	-------
PATERSON-CLIFTON-PASSAIC, N.J.	1,344	366	12	369	548	17	32
PENSACOLA, FLA.	180	32	2	39	101	5	1
PEORIA, ILL.	280	87	1	85	100	2	5
PHILADELPHIA, PA.-N.J.	7,009	2,592	349	1,697	2,171	74	126
PHOENIX, ARIZ.	757	251	8	215	252	19	12
PINE BLUFF, ARK.	41	7	-------	8	26	-------	-------
PITTSBURGH, PA.	3,129	1,183	84	788	1,015	20	39
PITTSFIELD, MASS.	96	19	-------	27	45	1	4
PONCE, P.R.	18	3	-------	7	7	-------	1
PORTLAND, MAINE	84	17	2	24	38	1	2
PORTLAND, OREG.-WASH.	863	312	42	219	282	2	6
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	722	277	16	174	235	8	12
PROVO-OREM, UTAH	220	131	3	37	44	1	4
PUEBLO, COLO.	62	15	1	29	14	2	1
RACINE, WIS.	114	32	-------	27	52	-------	3
RALEIGH, N.C.	675	378	3	187	102	3	2
READING, PA.	182	44	1	53	74	5	5
RENO, NEV.	219	106	3	47	58	2	3
RICHMOND, VA.	640	228	36	144	220	5	7
ROANOKE, VA.	70	37	-------	14	17	2	-------
ROCHESTER, N.Y.	2,101	762	77	552	675	17	18
ROCKFORD, ILL.	74	21	1	17	34	1	-------
SACRAMENTO, CALIF.	1,404	561	7	357	446	20	13
SAGINAW, MICH.	40	2	2	15	19	-------	2
ST. JOSEPH, MO.	26	3	1	11	10	1	-------
ST. LOUIS, MO.-ILL.	2,684	891	126	747	858	34	28
SALEM, OREG.	119	40	1	25	52	1	-------
SALINAS-MONTEREY, CALIF.	566	207	2	182	163	8	4
SALT LAKE CITY, UTAH	817	274	42	199	286	7	9
SAN ANGELO, TEX.	34	5	-------	15	11	3	-------

Appendix Table A-30. Number of scientists, by Standard Metropolitan Statistical Area and highest degree, 1966—Continued

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
STANDARD METROPOLITAN STATISTICAL AREAS-CONTINUED							
SAN ANTONIO, TEX.	610	183	26	174	200	12	15
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	1,010	395	19	280	286	14	16
SAN DIEGO, CALIF.	1,594	652	27	423	446	22	24
SAN FRANCISCO-OAKLAND, CALIF.	6,686	2,766	178	1,639	1,927	74	102
SAN JOSE, CALIF.	2,876	1,181	74	778	782	26	35
SAN JUAN, P.R.	197	78	4	55	54	3	3
SANTA BARBARA, CALIF.	556	250	2	148	144	6	6
SAVANNAH, GA.	135	31	4	42	58	3	1
SCRANTON, PA.	64	14	------	31	16	1	2
SEATTLE-EVERETT, WASH.	2,137	701	111	610	681	17	17
SHREVEPORT, LA.	265	13	1	62	171	12	6
SIOUX CITY, IOWA-NEB.	38	7	------	16	13	------	2
SIOUX FALLS, S.DAK.	39	18	------	16	3	------	1
SOUTH BEND, IND.	368	167	------	84	107	4	6
SPOKANE, WASH.	159	45	1	56	53	2	2
SPRINGFIELD, ILL.	69	11	2	27	25	2	2
SPRINGFIELD, MO.	92	35	1	30	24	2	------
SPRINGFIELD, OHIO	48	29	------	10	9	------	------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	513	173	2	163	157	8	10
STAMFORD, CONN.	491	202	2	122	154	2	9
STEUBENVILLE-WEIRTON, OHIO-W.VA.	58	17	------	16	22	2	1
STOCKTON, CALIF.	119	42	------	41	30	5	1
SYRACUSE, N.Y.	1,113	484	35	325	254	8	7
TACOMA, WASH.	270	73	8	77	101	1	10
TALLAHASSEE, FLA.	519	232	------	141	143	2	1
TAMPA-ST. PETERSBURG, FLA.	386	164	3	112	93	7	7
TERRE HAUTE, IND.	327	152	2	120	53	------	------
TEXARKANA, TEX.-ARK.	21	------	------	8	12	------	1
TOLEDO, OHIO-MICH.	510	208	3	131	161	5	2
TOPEKA, KANS.	160	63	5	46	44	1	1
TRENTON, N.J.	1,660	821	15	403	386	12	23
TUCSON, ARIZ.	821	396	6	209	197	5	8
TULSA, OKLA.	637	126	1	153	334	10	13
TUSCALOOSA, ALA.	201	101	------	59	41	------	------
TYLER, TEX.	110	7	------	36	64	2	1
UTICA-ROME, N.Y.	200	43	1	67	80	4	5
VALLEJO-NAPA, CALIF.	144	28	2	53	56	2	3
WACO, TEX.	127	44	------	36	42	4	3
WASHINGTON, D.C.-MD.-VA.	13,330	5,203	499	3,763	3,591	124	150
WATERBURY, CONN.	195	36	------	52	97	2	8
WATERLOO, IOWA	80	32	------	36	10	1	1
WEST PALM BEACH, FLA.	140	61	2	38	35	2	2
WHEELING, W.VA.-OHIO	61	14	------	16	30	------	1
WICHITA, KANS.	382	62	2	114	194	6	4
WICHITA FALLS, TEX.	98	15	1	35	42	3	------
WILKES-BARRE-HAZLETON, PA.	110	32	2	42	31	2	1
WILMINGTON, DEL.-N.J.-MD.	2,716	1,477	7	476	723	9	24
WILMINGTON, N.C.	34	6	------	10	18	------	------
WINSTON SALEM, N.C.	219	97	17	46	55	1	3
WORCESTER, MASS.	367	176	10	99	76	3	3
YORK, PA.	118	28	4	35	51	1	1
YOUNGSTOWN-WARREN, OHIO	135	30	2	49	51	------	3
OTHER LOCATIONS	55,257	20,243	667	15,614	17,539	576	618

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A-31. Number of scientists, by Standard Metropolitan Statistical Area and type of employer, 1966

LOCATION	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	MILITARY	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER		
ALL LOCATIONS	242,763	87,315	24,689	8,268	5,891	9,813	83,590	4,914	1,309	14,783	1,791
STANDARD METROPOLITAN STATISTICAL AREAS	187,506	62,842	18,483	5,752	4,002	8,717	69,630	4,145	1,063	11,487	1,385
ABILENE, TEX.	113	37	2	6	6	1	38	21	------	2	------
AKRON, OHIO	1,182	262	3	19	2	12	821	6	------	56	1
ALBANY, GA.	35	3	4	1	18	------	5	2	------	2	------
ALBANY-SCHENECTADY-TROY, N.Y.	1,572	487	46	199	2	11	737	2	2	80	6
ALBUQUERQUE, N.MEX.	744	172	115	18	90	36	247	15	14	33	4
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	669	276	1	4	------	16	297	4	2	64	5
ALTOONA, PA.	34	15	1	3	------	------	9	1	------	5	------
AMARILLO, TEX.	187	40	36	4	10	3	73	16	------	4	1
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	1,349	239	15	30	11	11	951	34	2	51	5
ANDERSON, IND.	21	10	------	1	------	------	9	------	------	1	------
ANN ARBOR, MICH.	1,831	1,300	40	30	14	21	181	9	4	210	22
ASHEVILLE, N.C.	156	18	65	6	6	2	50	2	------	7	------
ATLANTA, GA.	1,281	534	183	44	59	18	332	25	9	69	11
ATLANTIC CITY, N.J.	52	5	18	4	1	4	13	4	1	2	------
AUGUSTA, GA.-S.C.	281	60	30	9	10	2	153	------	6	7	4
AUSTIN, TEX.	961	590	24	62	9	7	122	15	2	119	11
BAKERSFIELD, CALIF.	550	51	205	18	21	2	212	27	1	12	1
BALTIMORE, MD.	2,089	822	181	112	50	81	608	31	3	177	24
BATON ROUGE, LA.	737	359	25	24	2	5	277	4	1	35	5
BAY CITY, MICH.	36	22	1	2	------	1	6	------	------	3	1
BEAUMONT-PORT ARTHUR, TEX.	403	53	6	5	------	2	318	4	1	13	1
BILLINGS, MONT.	149	25	21	6	------	2	63	23	1	7	1
BINGHAMTON, N.Y.-PA.	424	112	4	4	------	2	278	1	------	22	1
BIRMINGHAM, ALA.	314	147	10	4	------	49	80	8	3	10	3
BLOOMINGTON-NORMAL, ILL.	158	109	------	------	------	2	35	------	1	11	------
BOISE CITY, IDAHO	122	27	51	27	------	------	8	2	------	4	3
BOSTON, MASS.	7,852	3,157	648	142	114	528	2,270	106	49	748	90
BRIDGEPORT, CONN.	242	91	9	1	1	4	116	5	3	9	3
BROCKTON, MASS.	58	26	14	3	------	1	8	1	------	5	------
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	34	4	18	3	1	1	4	1	------	2	------
BUFFALO, N.Y.	1,887	628	43	75	2	184	809	10	13	108	15
CANTON, OHIO	106	37	------	2	------	6	50	1	2	8	------
CEDAR RAPIDS, IOWA	103	49	------	------	------	1	43	2	1	7	------
CHAMPAIGN-URBANA, ILL.	1,708	1,323	29	114	15	5	10	4	2	196	10
CHARLESTON, S.C.	195	78	40	2	33	------	30	1	1	9	1
CHARLESTON, W.VA.	506	29	6	21	------	2	433	2	------	13	------
CHARLOTTE, N.C.	273	73	3	5	------	8	165	6	2	11	------
CHATTANOOGA, TENN.-GA.	159	35	16	6	------	2	129	5	------	4	2
CHICAGO, ILL.	8,498	3,115	231	220	20	484	3,536	185	82	551	74
CINCINNATI, OHIO-KY.-IND.	1,570	397	203	15	52	34	769	20	4	69	7
CLEVELAND, OHIO	2,804	777	262	58	11	105	1,320	46	12	187	26
COLORADO SPRINGS, COLO.	291	71	20	5	114	19	46	5	1	9	1
COLUMBIA, S.C.	242	145	20	25	3	1	22	4	1	20	1
COLUMBUS, GA.-ALA.	48	16	3	1	17	2	8	------	------	1	------
COLUMBUS, OHIO	1,941	929	58	81	24	389	249	32	15	148	16
CORPUS CHRISTI, TEX.	434	23	4	4	4	5	336	47	1	9	1
DALLAS, TEX.	1,481	303	39	20	4	46	893	79	24	67	6
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	190	74	53	6	3	6	34	2	------	12	------
DAYTON, OHIO	1,062	195	272	32	100	52	351	7	16	28	9
DECATUR, ILL.	114	17	------	2	------	1	93	------	------	1	------
DENVER, COLO.	2,931	765	727	90	61	171	782	136	18	166	15
DES MOINES, IOWA	232	80	17	28	------	11	85	2	------	9	------
DETROIT, MICH.	2,591	824	49	89	13	137	1,263	57	18	121	20
DUBUQUE, IOWA	52	47	------	------	------	------	3	------	1	1	------
DULUTH-SUPERIOR, MINN.-WIS.	190	102	18	11	6	12	34	1	------	6	------
DURHAM, N.C.	767	387	33	1	2	73	142	1	2	57	9
EL PASO, TEX.	180	68	14	4	25	3	49	7	1	7	2
ERIE, PA.	145	62	------	2	------	4	69	1	2	5	------
EUGENE, OREG.	422	270	48	9	------	6	34	4	1	48	2
EVANSVILLE, IND.-KY.	204	31	4	2	------	5	139	16	------	4	3
FALL RIVER, MASS.-R.I.	32	9	------	------	------	2	17	1	------	3	------
FARGO-MOORHEAD, N.DAK.-MINN.	224	163	39	2	------	------	6	2	------	10	2
FAYETTEVILLE, N.C.	40	12	2	1	22	------	2	------	------	1	------
FITCHBURG-LEOMINSTER, MASS.	64	16	------	2	------	1	42	1	------	2	------
FLINT, MICH.	139	75	3	6	1	3	40	3	3	4	1
FORT LAUDERDALE-HOLLYWOOD, FLA.	116	36	6	6	------	4	19	13	2	28	2
FORT SMITH, ARK.-OKLA.	20	6	3	------	------	1	4	6	------	------	------
FORT WAYNE, IND.	198	73	2	7	------	4	101	1	------	9	1
FORT WORTH, TEX.	500	141	54	6	5	3	219	23	2	42	5
FRESNO, CALIF.	243	127	34	26	------	3	37	6	2	7	1
GADSDEN, ALA.	4	1	------	1	------	------	1	1	------	------	------
GALVESTON-TEXAS CITY, TEX.	221	75	11	1	1	------	122	1	------	9	1
GARY-HAMMOND-EAST CHICAGO, IND.	472	114	2	4	------	7	324	4	------	15	2
GRAND RAPIDS, MICH.	236	109	4	6	1	11	82	10	2	10	1
GREAT FALLS, MONT.	67	7	24	------	17	7	6	2	------	4	------
GREEN BAY, WIS.	62	35	2	2	------	1	19	1	1	1	------
GREENSBORO-HIGH POINT, N.C.	191	96	6	5	------	2	70	2	------	9	1
GREENVILLE, S.C.	77	28	------	1	------	3	37	4	------	3	1
HAMILTON-MIDDLETOWN, OHIO	198	127	------	1	1	1	52	------	------	15	1
HARRISBURG, PA.	314	83	29	112	12	7	57	4	------	8	2

Appendix Table A-31. Number of scientists, by Standard Metropolitan Statistical Area and type of employer, 1966—Continued

LOCATION	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	MILITARY	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER		
STANDARD METROPOLITAN STATISTICAL AREAS-CONTINUED											
HARTFORD, CONN.	800	129	16	56	3	76	474	12	7	24	3
HONOLULU, HAWAII	736	373	104	50	54	28	81	6	9	27	4
HOUSTON, TEX.	3,236	546	142	18	11	51	2,128	156	13	154	17
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	152	42	15	3	-------	-------	84	1	2	3	2
HUNTSVILLE, ALA.	561	32	220	4	22	8	270	-------	2	3	-------
INDIANAPOLIS, IND.	1,020	270	48	51	2	15	575	13	5	37	4
JACKSON, MICH.	48	17	1	4	1	-------	22	2	-------	1	-------
JACKSON, MISS.	269	86	26	16	2	2	96	26	3	10	2
JACKSONVILLE, FLA.	149	24	17	12	19	4	63	4	1	5	-------
JERSEY CITY, N.J.	523	199	8	-------	1	4	283	7	-------	20	1
JOHNSTOWN, PA.	49	27	-------	6	-------	-------	9	1	1	4	1
KALAMAZOO, MICH.	509	163	3	3	-------	5	315	1	1	17	1
KANSAS CITY, MO.-KANS.	967	247	97	20	25	121	377	21	10	43	6
KENOSHA, WIS.	37	24	-------	-------	-------	2	6	1	-------	4	-------
KNOXVILLE, TENN.	1,381	367	94	43	2	46	711	10	19	77	12
LAFAYETTE, LA.	388	63	-------	3	-------	1	280	36	-------	5	-------
LAFAYETTE-W. LAFAYETTE, IND.	686	582	16	4	2	4	20	1	1	52	4
LAKE CHARLES, LA.	139	26	5	-------	-------	-------	95	6	-------	7	-------
LANCASTER, PA.	334	104	1	1	-------	10	206	-------	-------	11	1
LANSING, MICH.	1,193	893	38	100	1	11	34	4	1	104	7
LAREDO, TEX.	18	3	3	1	8	-------	2	1	-------	-------	-------
LAS VEGAS, NEV.	180	30	56	7	17	-------	60	5	-------	5	-------
LAWRENCE-HAVERHILL, MASS.-N.H.	104	48	1	1	2	2	33	2	2	13	-------
LAWTON, OKLA.	38	3	4	2	24	-------	1	1	1	2	-------
LEWISTON-AUBURN, MAINE	30	17	1	-------	4	1	3	1	-------	3	-------
LEXINGTON, KY.	576	411	39	4	12	20	39	6	1	34	10
LIMA, OHIO	41	14	-------	1	-------	-------	23	2	-------	1	-------
LINCOLN, NEBR.	532	356	51	32	-------	5	34	4	2	44	4
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	227	91	47	31	8	6	30	4	-------	9	1
LORAIN-ELYRIA, OHIO	171	67	-------	2	1	3	93	-------	-------	4	1
LOS ANGELES-LONG BEACH, CALIF.	9,468	2,984	266	317	54	784	4,058	349	53	526	77
LOUISVILLE, KY.-IND.	576	208	26	15	-------	14	266	6	1	31	9
LOWELL, MASS.	146	66	1	3	1	3	61	2	1	5	3
LUBBOCK, TEX.	215	152	8	1	10	2	20	5	1	16	-------
LYNCHBURG, VA.	98	39	2	5	-------	-------	41	2	1	6	2
MACON, GA.	76	19	23	11	7	1	11	2	-------	2	-------
MADISON, WIS.	1,961	1,396	103	88	19	30	63	10	5	228	19
MANCHESTER, N.H.	33	22	1	2	-------	2	4	1	-------	1	-------
MANSFIELD, OHIO	23	11	1	1	-------	3	4	-------	1	-------	2
MAYAGUEZ, P.R.	58	45	7	-------	-------	-------	5	-------	-------	-------	1
MCALLEN-PHARR-EDINBURG, TEX.	50	23	14	2	-------	-------	8	3	-------	-------	-------
MEMPHIS, TENN.-ARK.	443	229	27	6	5	27	123	4	1	16	5
MERIDEN, CONN.	11	3	-------	3	-------	2	2	-------	-------	1	-------
MIAMI, FLA.	646	337	87	17	17	19	80	23	7	51	8
MIDLAND, TEX.	622	10	3	1	1	-------	490	100	1	15	1
MILWAUKEE, WIS.	994	395	42	39	2	34	407	24	7	40	4
MINNEAPOLIS-ST. PAUL, MINN.	3,173	1,304	172	100	4	58	1,294	30	13	172	26
MOBILE, ALA.	142	44	15	5	7	2	60	2	-------	7	-------
MONROE, LA.	81	44	1	2	1	-------	29	4	-------	-------	-------
MONTGOMERY, ALA.	94	17	17	19	28	4	4	4	-------	1	-------
MUNCIE, IND.	122	99	-------	-------	-------	3	14	-------	1	3	2
MUSKEGON-MUSKEGON HEIGHTS, MICH.	59	11	1	1	-------	-------	42	2	-------	2	-------
NASHVILLE, TENN.	567	324	26	36	-------	11	88	2	2	71	7
NEW BEDFORD, MASS.	34	17	-------	1	-------	-------	15	-------	-------	1	-------
NEW BRITAIN, CONN.	44	33	-------	-------	-------	2	7	-------	-------	2	-------
NEW HAVEN, CONN.	1,262	694	32	36	3	25	227	7	9	214	15
NEW LONDON-GROTON-NORWICH, CONN.	325	48	75	4	30	1	156	3	-------	6	2
NEW ORLEANS, LA.	1,472	428	152	17	13	14	718	52	7	61	10
NEW YORK, N.Y.	15,994	5,209	402	527	188	1,565	6,143	605	197	980	178
NEWARK, N.J.	4,659	458	149	29	8	57	3,617	86	15	219	21
NEWPORT NEWS-HAMPTON, VA.	245	28	145	7	47	2	12	-------	-------	4	-------
NORFOLK-PORTSMOUTH, VA.	274	79	36	16	86	5	36	7	-------	7	2
NORWALK, CONN.	237	23	-------	1	-------	5	178	11	2	14	3
ODESSA, TEX.	48	9	1	1	-------	-------	34	1	-------	-------	2
OGDEN, UTAH	128	38	49	4	14	1	12	3	1	6	-------
OKLAHOMA CITY, OKLA.	1,114	377	80	29	28	20	416	84	4	69	7
OMAHA, NEBR.-IOWA	451	167	41	13	118	12	73	6	2	16	3
ORLANDO, FLA.	220	40	35	10	3	3	107	2	1	18	1
OXNARD-VENTURA, CALIF.	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
PATTERSON-CLIFTON-PASSAIC, N.J.	1,344	173	4	12	2	25	1,003	42	2	73	8
PENSACOLA, FLA.	180	25	21	4	21	1	99	5	-------	3	1
PEORIA, ILL.	280	63	127	8	6	3	67	3	-------	2	1
PHILADELPHIA, PA.-N.J.	7,009	1,948	399	134	26	401	3,428	110	56	454	53
PHOENIX, ARIZ.	757	279	72	41	20	14	225	28	3	68	7
PINE BLUFF, ARK.	41	5	14	-------	5	-------	16	1	-------	-------	-------
PITTSBURGH, PA.	3,129	961	127	37	4	205	1,489	41	14	228	23
PITTSFIELD, MASS.	96	9	-------	2	-------	2	74	1	-------	8	-------
PONCE, P.R.	18	5	-------	-------	-------	-------	10	-------	-------	2	1
PORTLAND, MAINE	84	23	3	3	5	3	38	3	1	4	1
PORTLAND, OREG.-WASH.	863	328	191	47	3	37	179	23	6	38	11
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	722	377	11	21	6	31	188	5	2	73	8
PROVO-OREM, UTAH	220	162	6	3	-------	1	12	4	-------	28	4
PUEBLO, COLO.	62	26	8	11	2	3	9	1	-------	2	-------
RACINE, WIS.	114	21	-------	2	-------	-------	82	1	1	5	2

Appendix Table A-31. Number of scientists, by Standard Metropolitan Statistical Area and type of employer, 1966—Continued

LOCATION	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	MILITARY	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER		
STANDARD METROPOLITAN STATISTICAL AREAS-CONTINUED											
RALEIGH, N.C.	675	470	44	60	3	1	45	1	3	47	1
READING, PA.	182	58	2	6	-------	5	99	2	2	8	-------
RENO, NEV.	219	139	25	12	1	1	17	5	-------	19	-------
RICHMOND, VA.	640	195	24	49	10	16	305	12	2	24	3
ROANOKE, VA.	70	33	13	4	-------	-------	11	1	2	6	-------
ROCHESTER, N.Y.	2,101	616	8	19	3	25	1,258	8	9	143	12
ROCKFORD, ILL.	74	22	1	4	-------	5	31	5	1	5	-------
SACRAMENTO, CALIF.	1,404	698	84	254	40	8	205	26	4	76	9
SAGINAW, MICH.	40	5	3	4	-------	2	19	2	-------	5	-------
ST. JOSEPH, MO.	26	4	-------	5	1	2	14	-------	-------	-------	-------
ST. LOUIS, MO.-ILL.	2,684	805	148	56	106	48	1,295	33	22	154	17
SALEM, OREG.	119	51	14	26	-------	1	18	3	-------	6	-------
SALINAS-MONTEREY, CALIF.	266	151	89	21	72	17	163	15	3	28	7
SALT LAKE CITY, UTAH	817	324	120	34	28	16	196	30	2	61	6
SAN ANGELO, TEX.	34	13	2	2	4	-------	1	8	-------	4	-------
SAN ANTONIO, TEX.	610	115	114	20	118	62	92	48	8	29	4
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	1,010	456	124	44	56	80	154	19	5	66	6
SAN DIEGO, CALIF.	1,594	635	215	37	63	77	412	36	10	95	14
SAN FRANCISCO-OAKLAND, CALIF.	6,686	2,714	677	245	217	430	1,740	124	26	451	62
SAN JOSE, CALIF.	2,876	1,046	215	42	26	60	1,194	44	4	224	21
SAN JUAN, P.R.	197	101	30	24	2	1	24	5	3	5	2
SANTA BARBARA, CALIF.	556	229	23	7	15	11	201	19	7	41	3
SAVANNAH, GA.	139	18	27	4	14	4	67	2	1	1	1
SCRANTON, PA.	64	40	1	3	-------	-------	13	3	-------	3	1
SEATTLE-EVERETT, WASH.	2,137	1,056	132	33	26	33	651	34	1	155	16
SHREVEPORT, LA.	265	19	9	3	27	2	156	36	2	10	1
SIOUX CITY, IOWA-NEB.	38	18	2	3	4	-------	5	3	-------	3	-------
SIOUX FALLS, S.DAK.	39	27	3	-------	1	3	5	-------	-------	-------	-------
SOUTH BEND, IND.	368	246	1	3	3	5	48	1	-------	58	3
SPOKANE, WASH.	159	73	18	8	4	4	37	5	-------	10	-------
SPRINGFIELD, ILL.	69	8	2	37	-------	-------	16	1	2	3	-------
SPRINGFIELD, MO.	92	57	6	6	-------	1	17	4	-------	-------	1
SPRINGFIELD, OHIO	48	37	-------	-------	-------	3	8	-------	-------	-------	-------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	513	183	22	10	28	5	237	-------	3	23	2
STAMFORD, CONN.	491	28	-------	1	-------	7	419	9	-------	25	2
STEUBENVILLE-WEIRTON, OHIO-W.VA.	58	25	-------	-------	-------	-------	30	1	-------	2	-------
STOCKTON, CALIF.	119	65	4	17	1	1	18	3	1	8	1
SYRACUSE, N.Y.	1,113	585	21	18	2	22	352	15	2	86	10
TACOMA, WASH.	270	94	32	16	21	6	84	5	1	9	2
TALLAHASSEE, FLA.	519	363	13	49	9	-------	3	3	2	72	5
TAMPA-ST. PETERSBURG, FLA.	386	169	27	16	14	14	77	15	2	51	1
TERRE HAUTE, IND.	327	208	4	1	1	-------	72	3	3	33	2
TEXARKANA, TEX.-ARK.	21	4	3	-------	6	-------	5	-------	-------	3	-------
TOLEDO, OHIO-MICH.	510	218	2	13	2	8	236	6	-------	25	-------
TOPEKA, KANS.	160	40	12	34	9	36	16	4	1	6	2
TRENTON, N.J.	1,660	498	16	75	24	105	741	22	17	154	8
TUCSON, ARIZ.	821	545	55	13	11	30	68	17	2	71	9
TULSA, OKLA.	637	55	15	4	-------	21	449	51	2	37	3
TUSCALOOSA, ALA.	201	134	16	14	1	3	14	1	-------	15	3
TYLER, TEX.	110	13	-------	-------	-------	-------	66	22	-------	9	-------
UTICA-ROME, N.Y.	200	68	40	9	21	7	43	2	-------	10	-------
VALLEJO-NAPA, CALIF.	144	31	29	31	31	-------	7	3	-------	11	1
WACO, TEX.	127	52	14	4	10	3	22	4	-------	17	1
WASHINGTON, D.C.-MD.-VA.	13,330	1,620	7,635	214	918	885	1,338	136	57	463	64
WATERBURY, CONN.	195	13	-------	3	-------	5	165	-------	-------	8	1
WATERLOO, IOWA	80	63	1	2	-------	-------	12	-------	1	1	-------
WEST PALM BEACH, FLA.	140	71	5	5	-------	3	28	5	-------	22	1
WHEELING, W.VA.-OHIO	61	27	8	1	-------	-------	17	1	-------	6	1
WICHITA, KANS.	382	91	7	4	10	11	187	52	2	16	2
WICHITA FALLS, TEX.	96	26	2	2	12	1	23	24	-------	5	1
WILKES-BARRE-HAZLETON, PA.	110	55	6	3	1	6	23	5	2	7	2
WILMINGTON, DEL.-N.J.-MD.	2,716	202	16	14	15	17	2,283	8	8	143	10
WILMINGTON, N.C.	34	16	6	-------	-------	-------	11	1	-------	-------	-------
WINSTON-SALEM, N.C.	219	104	2	2	-------	2	93	1	-------	14	1
WORCESTER, MASS.	367	158	5	13	-------	67	93	5	1	22	3
YORK, PA.	118	49	2	3	-------	5	46	4	1	8	-------
YOUNGSTOWN-WARREN, OHIO	135	65	2	7	-------	7	40	1	-------	11	2
OTHER LOCATIONS	55,257	24,473	6,206	2,516	1,889	1,096	14,360	769	246	3,296	406

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A-32. Number of scientists, by Standard Metropolitan Statistical Area and primary work activity, 1966

LOCATION	TOTAL	PRIMARY WORK ACTIVITY								NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D					
ALL LOCATIONS	242,763	80,821	38,293	31,077	49,921	24,448	44,626	16,419	26,702	14,783	9,491
STANDARD METROPOLITAN STATISTICAL AREAS	187,506	65,290	31,004	24,982	38,397	19,948	30,541	13,026	21,415	11,487	7,350
ABILENE, TEX.	113	8	------	7	11	2	33	5	50	2	4
AKRON, OHIO	1,182	427	88	177	250	160	177	166	63	56	43
ALBANY, GA.	35	3	1	2	11	1	2	3	11	2	3
ALBANY-SCHENECTADY-TROY, N.Y.	1,572	670	346	234	306	178	279	100	89	80	48
ALBUQUERQUE, N.M.	744	292	117	143	163	94	110	22	99	33	25
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	669	184	62	91	122	63	183	51	43	64	22
ALTOONA, PA.	34	3	------	2	8	1	11	3	3	5	1
AMARILLO, TEX.	187	29	11	15	35	15	34	12	66	4	7
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	1,349	558	107	293	307	198	173	81	145	51	34
ANDERSON, IND.	21	4	------	------	3	1	9	2	2	1	------
ANN ARBOR, MICH.	1,831	764	525	222	188	120	475	22	104	210	68
ASHEVILLE, N.C.	156	37	3	25	53	22	15	18	22	7	4
ATLANTA, GA.	1,281	300	139	128	318	130	306	98	135	69	55
ATLANTIC CITY, N.J.	52	15	2	9	19	5	1	3	11	2	1
AUGUSTA, GA.-S.C.	281	90	29	42	74	33	28	42	23	7	17
AUSTIN, TEX.	961	329	223	93	144	79	229	19	80	119	41
BAKERSFIELD, CALIF.	550	168	62	87	117	67	39	51	146	12	17
BALTIMORE, MD.	2,089	822	408	320	358	196	351	135	161	177	85
BATON ROUGE, LA.	737	249	120	92	133	67	155	92	46	35	27
BAY CITY, MICH.	36	1	------	1	6	------	20	2	3	3	1
BEAUMONT-PORT ARTHUR, TEX.	403	106	7	45	77	26	43	116	36	13	12
BILLINGS, MONT.	149	9	3	6	30	10	20	9	71	7	3
BINGHAMTON, N.Y.-PA.	424	143	9	63	91	52	88	46	22	22	12
BIRMINGHAM, ALA.	314	102	59	40	51	20	73	33	26	10	19
BLOOMINGTON-NORMAL, ILL.	158	11	4	7	38	17	86	3	6	11	3
BOISE CITY, IDAHO	122	19	4	13	49	11	14	5	24	4	7
BOSTON, MASS.	7,852	3,506	2,012	1,086	1,252	816	1,107	290	664	748	285
BRIDGEPORT, CONN.	242	56	7	19	53	26	73	26	12	9	13
BROCKTON, MASS.	58	11	6	2	13	2	19	3	5	5	2
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	34	12	5	7	2	1	3	4	9	2	2
BUFFALO, N.Y.	1,887	741	349	270	334	184	315	171	117	108	101
CANTON, OHIO	106	29	2	25	18	10	30	12	6	8	3
CEDAR RAPIDS, IOWA	103	22	------	12	18	7	40	8	6	7	2
CHAMPAIGN-URBANA, ILL.	1,708	801	630	164	127	78	424	13	86	196	61
CHARLESTON, S.C.	195	24	13	11	53	14	57	9	29	9	14
CHARLESTON, W.VA.	506	173	27	71	129	76	25	97	50	13	19
CHARLOTTE, N.C.	273	54	5	19	62	33	67	46	22	11	11
CHATTANOOGA, TENN.-GA.	199	50	3	26	61	25	26	33	13	4	12
CHICAGO, ILL.	8,498	3,052	1,497	1,107	1,752	905	1,240	724	825	551	354
CINCINNATI, OHIO-KY.-IND.	1,570	537	207	220	377	221	243	161	120	69	63
CLEVELAND, OHIO	2,804	1,100	490	445	547	316	334	254	260	187	122
COLORADO SPRINGS, COLO.	291	56	11	30	50	17	129	15	25	9	7
COLUMBIA, S.C.	242	40	27	9	48	9	89	11	21	20	13
COLUMBUS, GA.-ALA.	48	8	------	7	13	4	9	2	12	1	3
COLUMBUS, OHIO	1,941	609	336	228	327	182	452	69	251	148	85
CORPUS CHRISTI, TEX.	434	65	9	37	69	29	16	63	193	9	19
DALLAS, TEX.	1,481	477	177	225	333	139	181	89	282	67	52
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	190	40	8	30	35	18	67	13	18	12	5
DAYTON, OHIO	1,062	441	190	194	252	179	151	62	92	28	36
DECATUR, ILL.	114	40	11	18	28	16	15	20	4	1	6
DENVER, COLO.	2,931	1,049	586	382	494	212	397	132	589	166	104
DES MOINES, IOWA	232	28	3	21	75	26	57	17	33	9	13
DETROIT, MICH.	2,591	812	309	357	531	259	473	290	248	121	116
DUBUQUE, IOWA	52	2	1	1	4	------	41	1	2	1	1
DULUTH-SUPERIOR, MINN.-WIS.	190	20	4	15	49	8	80	11	17	6	7
DURHAM, N.C.	707	362	250	108	104	79	125	7	30	57	22
EL PASO, TEX.	180	33	7	21	37	10	48	18	25	7	12
ERIE, PA.	145	38	9	17	28	16	50	7	11	5	6
EUGENE, OREG.	422	110	92	15	72	14	135	15	28	48	14
EVANSVILLE, IND.-KY.	204	60	18	31	45	22	27	21	39	4	8
FALL RIVER, MASS.-R.I.	32	5	1	1	3	3	6	6	4	3	5
FARGO-MOORHEAD, N.DAK.-MINN.	224	72	40	30	31	15	89	2	5	10	15
FAYETTEVILLE, N.C.	40	4	1	3	15	------	11	2	6	1	1
FITCHBURG-LEOMINSTER, MASS.	64	17	1	5	18	13	14	8	3	2	2
FLINT, MICH.	139	15	1	7	22	8	71	8	13	4	6
FORT LAUDERDALE-HOLLYWOOD, FLA.	116	18	2	15	19	8	24	7	16	28	4
FORT SMITH, ARK.-OKLA.	20	------	------	------	3	------	5	2	10	------	------
FORT WAYNE, IND.	198	33	2	16	51	18	59	21	16	9	9
FORT WORTH, TEX.	500	114	30	65	100	42	107	35	87	42	15
FRESNO, CALIF.	243	39	9	29	50	9	96	14	26	7	11
GADSDEN, ALA.	4	1	------	1	2	------	------	------	1	------	------
GALVESTON-TEXAS CITY, TEX.	221	69	28	28	44	23	33	40	14	9	12
GARY-HAMMOND-EAST CHICAGO, IND.	472	126	15	69	88	51	96	94	39	15	14
GRAND RAPIDS, MICH.	236	31	------	15	39	15	95	25	29	10	7
GREAT FALLS, MONT.	67	4	2	2	19	------	6	6	25	4	3
GREEN BAY, WIS.	62	3	1	------	9	4	31	11	4	1	3
GREENSBORO-HIGH POINT, N.C.	191	25	8	11	48	19	75	16	15	9	3
GREENVILLE, S.C.	77	9	2	1	21	8	21	14	6	3	3
HAMILTON-MIDDLETOWN, OHIO	198	32	10	15	14	7	103	13	15	15	6
HARRISBURG, PA.	314	53	11	33	98	30	63	24	51	8	17
HARTFORD, CONN.	800	272	60	143	227	111	105	69	78	24	25

Appendix Table A–32. Number of scientists, by Standard Metropolitan Statistical Area and primary work activity, 1966—Continued

LOCATION	TOTAL	PRIMARY WORK ACTIVITY								NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D					
STANDARD METROPOLITAN STATISTICAL AREAS – CONTINUED											
HONOLULU, HAWAII	736	249	150	88	179	75	145	39	74	27	23
HOUSTON, TEX.	3,236	842	296	397	735	275	248	322	814	154	121
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	152	21	4	11	37	10	34	32	18	3	7
HUNTSVILLE, ALA.	561	278	52	160	163	121	25	33	45	3	14
INDIANAPOLIS, IND.	1,020	398	151	169	219	116	155	96	81	37	34
JACKSON, MICH.	48	7	2	3	8	1	13	8	5	1	6
JACKSON, MISS.	269	53	27	26	38	7	48	13	96	10	11
JACKSONVILLE, FLA.	149	18	2	10	41	7	20	24	32	5	9
JERSEY CITY, N.J.	523	176	63	65	110	68	91	78	25	20	23
JOHNSTOWN, PA.	49	1	------	1	12	4	22	6	3	4	1
KALAMAZOO, MICH.	509	197	77	96	104	65	127	23	25	17	16
KANSAS CITY, MO.-KANS.	967	286	106	137	232	96	138	108	123	43	37
KENOSHA, WIS.	37	1	------	1	2	------	24	4	2	4	------
KNOXVILLE, TENN.	1,381	682	411	198	229	138	190	74	82	77	47
LAFAYETTE, LA.	388	11	5	6	41	8	49	28	244	5	9
LAFAYETTE-WEST LAFAYETTE, IND.	686	281	213	63	62	23	236	8	22	52	25
LAKE CHARLES, LA.	139	18	5	7	38	7	22	38	12	7	4
LANCASTER, PA.	334	113	16	45	67	46	93	29	14	11	7
LANSING, MICH.	1,193	416	275	130	158	57	359	20	85	104	51
LAREDO, TEX.	18	1	------	------	5	------	4	2	5	------	1
LAS VEGAS, NEV.	180	50	7	31	50	28	21	12	29	5	13
LAWRENCE-HAVERHILL, MASS.-N.H.	104	10	1	3	19	9	43	12	6	13	1
LAWTON, OKLA.	38	3	1	1	12	------	5	1	11	2	4
LEWISTON-AUBURN, MAINE	30	------	------	------	5	1	16	1	3	3	2
LEXINGTON, KY.	576	226	152	67	68	34	147	12	59	34	30
LIMA, OHIO	41	3	------	3	9	3	10	10	4	1	4
LINCOLN, NEBR.	532	146	93	49	86	29	178	13	47	44	18
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	227	55	27	23	45	13	44	19	47	9	8
LORAIN-ELYRIA, OHIO	171	52	2	9	27	18	56	20	6	4	6
LOS ANGELES-LONG BEACH, CALIF.	9,468	3,345	1,341	1,340	1,957	1,080	1,437	675	1,191	526	337
LOUISVILLE, KY.-IND.	576	154	68	50	116	44	113	83	60	31	19
LOWELL, MASS.	146	40	17	15	21	17	52	10	8	5	10
LUBBOCK, TEX.	215	32	23	8	24	7	100	6	24	16	13
LYNCHBURG, VA.	98	21	------	11	18	10	35	6	8	6	4
MACON, GA.	76	10	1	7	22	4	18	4	15	2	5
MADISON, WIS.	1,961	942	747	171	191	104	349	35	124	228	92
MANCHESTER, N.H.	33	------	------	------	2	------	22	2	5	1	1
MANSFIELD, OHIO	23	1	------	1	8	3	9	1	3	------	1
MAYAGUEZ, P.R.	58	14	11	2	7	2	28	2	2	------	5
MCALLEN-PHARR-EDINBURG, TEX.	50	18	6	11	10	3	14	------	7	------	1
MEMPHIS, TENN.-ARK.	443	117	53	46	84	35	127	42	43	16	14
MERIDEN, CONN.	11	1	1	------	2	1	2	1	3	1	1
MIAMI, FLA.	646	195	133	55	111	40	137	29	95	51	28
MIDLAND, TEX.	622	33	8	25	102	20	4	29	415	15	24
MILWAUKEE, WIS.	994	248	94	106	225	102	262	84	92	40	43
MINNEAPOLIS-ST. PAUL, MINN.	3,173	1,291	616	441	628	362	534	185	247	172	116
MOBILE, ALA.	142	15	1	12	37	5	36	30	13	7	4
MONROE, LA.	81	7	------	4	19	7	34	10	7	------	4
MONTGOMERY, ALA.	94	7	2	5	43	6	20	2	15	1	6
MUNCIE, IND.	122	6	1	3	19	6	80	4	5	3	5
MUSKEGON-MUSKEGON HEIGHTS, MICH.	59	20	1	5	14	6	9	8	5	2	1
NASHVILLE, TENN.	567	183	129	42	85	38	145	27	34	71	22
NEW BEDFORD, MASS.	34	4	------	------	9	4	16	3	------	1	1
NEW BRITAIN, CONN.	44	3	------	1	4	------	28	1	5	2	1
NEW HAVEN, CONN.	1,262	583	428	112	124	72	196	22	61	214	62
NEW LONDON-GROTON-NORWICH, CONN.	325	160	47	89	59	37	49	26	14	6	11
NEW ORLEANS, LA.	1,472	309	167	120	235	76	218	109	477	61	63
NEW YORK, N.Y.	15,994	4,910	2,515	1,750	3,574	1,578	2,434	1,141	2,302	980	653
NEWARK, N.J.	4,659	1,949	662	866	1,104	727	331	535	345	219	176
NEWPORT NEWS-HAMPTON, VA.	245	126	57	58	43	23	27	5	36	4	4
NORFOLK-PORTSMOUTH, VA.	274	43	2	31	74	20	70	24	40	7	16
NORWALK, CONN.	237	83	8	36	80	53	17	15	21	14	7
ODESSA, TEX.	48	3	------	2	14	7	7	17	5	------	2
OGDEN, UTAH	128	16	1	11	43	10	30	14	14	6	5
OKLAHOMA CITY, OKLA.	1,114	177	107	59	168	51	226	47	377	69	50
OMAHA, NEBR.-IOWA	451	75	30	37	115	28	104	33	92	16	16
ORLANDO, FLA.	220	80	13	52	52	33	29	13	18	18	10
OXNARD-VENTURA, CALIF.	------	------	------	------	------	------	------	------	------	------	------
PATERSON-CLIFTON-PASSAIC, N.J.	1,344	400	92	182	382	227	122	193	107	73	67
PENSACOLA, FLA.	180	46	10	12	55	27	22	31	10	3	13
PEORIA, ILL.	280	116	63	46	43	26	60	29	15	2	15
PHILADELPHIA, PA.-N.J.	7,009	2,720	1,163	1,061	1,378	783	954	620	598	454	285
PHOENIX, ARIZ.	757	183	52	84	139	54	193	42	104	68	28
PINE BLUFF, ARK.	41	3	------	2	22	6	3	9	------	------	4
PITTSBURGH, PA.	3,129	1,227	577	465	624	352	414	248	275	228	113
PITTSFIELD, MASS.	96	38	2	13	15	8	9	14	4	8	8
PONCE, P.R.	18	------	------	------	3	------	2	7	------	2	4
PORTLAND, MAINE	84	14	2	8	25	12	22	5	11	4	3
PORTLAND, OREG.-WASH.	863	196	80	97	220	60	212	63	103	38	31
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	722	223	157	34	115	43	163	56	47	73	45
PROVO-OREM, UTAH	220	23	12	7	26	7	119	4	16	28	4
PUEBLO, COLO.	62	4	------	3	10	------	21	7	16	2	2
RACINE, WIS	114	45	11	16	28	17	19	9	6	5	2
RALEIGH, N.C.	675	233	136	90	113	49	174	30	50	47	28
READING, PA.	182	33	1	16	47	24	48	26	12	8	8
RENO, NEV.	219	69	36	33	28	13	60	5	29	19	9

Appendix Table A–32. Number of scientists, by Standard Metropolitan Statistical Area and primary work activity, 1966—Continued

LOCATION	TOTAL	PRIMARY WORK ACTIVITY								NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D					
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED											
RICHMOND, VA.	640	196	67	97	161	84	121	62	48	24	28
ROANOKE, VA.	70	7	3	3	11	3	27	2	16	6	1
ROCHESTER, N.Y.	2,101	940	409	340	399	231	261	153	130	143	75
ROCKFORD, ILL.	74	9	------	7	17	4	20	12	8	5	3
SACRAMENTO, CALIF.	1,404	477	258	179	273	127	250	73	174	76	81
SAGINAW, MICH.	40	7	1	5	10	4	5	7	5	5	1
ST. JOSEPH, MO.	26	2	------	1	8	3	6	8	2	------	------
ST. LOUIS, MO.-ILL.	2,684	852	385	348	645	283	374	295	256	154	108
SALEM, OREG.	119	11	------	11	43	11	37	4	15	6	3
SALINAS-MONTEREY, CALIF.	566	163	75	73	95	45	144	29	74	28	33
SALT LAKE CITY, UTAH	817	252	142	91	149	53	152	40	132	61	31
SAN ANGELO, TEX.	34	------	------	------	8	2	11	------	9	4	2
SAN ANTONIO, TEX.	610	146	58	79	139	66	110	34	133	29	19
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	1,010	369	198	125	201	103	181	50	101	66	42
SAN DIEGO, CALIF.	1,594	710	386	233	264	153	293	53	124	95	55
SAN FRANCISCO-OAKLAND, CALIF.	6,686	2,843	1,580	1,031	1,239	679	820	375	669	451	289
SAN JOSE, CALIF.	2,876	1,346	648	440	478	320	412	116	207	224	93
SAN JUAN, P.R.	197	46	24	19	43	16	50	15	22	5	16
SANTA BARBARA, CALIF.	556	218	112	89	87	49	114	20	60	41	16
SAVANNAH, GA.	139	35	10	17	52	12	14	16	16	1	5
SCRANTON, PA.	64	6	------	5	9	3	33	4	6	3	3
SEATTLE-EVERETT, WASH.	2,137	883	480	316	322	171	375	92	226	155	84
SHREVEPORT, LA.	265	18	4	12	53	9	16	22	135	10	11
SIOUX CITY, IOWA-NEB.	38	4	1	3	7	------	13	2	6	3	3
SIOUX FALLS, S.DAK.	39	2	------	1	8	3	23	2	3	------	1
SOUTH BEND, IND.	368	109	85	8	42	17	112	12	16	58	19
SPOKANE, WASH.	159	16	3	11	30	10	60	9	33	10	1
SPRINGFIELD, ILL.	69	10	3	6	29	10	7	9	10	3	1
SPRINGFIELD, MO.	92	4	1	3	14	4	49	9	11	------	5
SPRINGFIELD, OHIO	48	3	------	2	6	3	34	1	3	------	1
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	513	119	24	64	107	53	150	46	51	23	17
STAMFORD, CONN.	491	232	59	126	125	97	20	32	38	25	19
STEUBENVILLE-WEIRTON, OHIO-W.VA.	58	5	2	2	16	1	18	14	2	2	1
STOCKTON, CALIF.	119	14	4	10	21	6	47	7	13	8	9
SYRACUSE, N.Y.	1,113	410	209	138	150	74	315	56	54	86	42
TACOMA, WASH.	270	49	9	35	63	18	60	26	48	9	15
TALLAHASSEE, FLA.	519	165	131	27	50	15	160	9	30	72	33
TAMPA-ST. PETERSBURG, FLA.	386	56	14	25	65	18	119	13	66	51	16
TERRE HAUTE, IND.	327	71	37	25	34	14	136	20	20	33	13
TEXARKANA, TEX.-ARK.	21	------	------	------	4	------	5	3	6	3	------
TOLEDO, OHIO-MICH.	510	125	40	55	97	43	165	50	34	25	14
TOPEKA, KANS.	160	32	6	23	34	13	35	13	37	6	3
TRENTON, N.J.	1,660	818	464	273	300	194	165	62	111	154	50
TUCSON, ARIZ.	821	296	220	69	95	54	221	11	83	71	44
TULSA, OKLA.	637	135	25	94	149	51	37	64	191	37	24
TUSCALOOSA, ALA.	201	29	17	10	25	11	97	3	19	15	13
TYLER, TEX.	110	8	------	6	19	4	8	5	55	9	6
UTICA-ROME, N.Y.	200	61	9	39	40	28	55	11	17	10	6
VALLEJO-NAPA, CALIF.	144	17	3	13	22	10	35	11	42	11	6
WACO, TEX.	127	32	13	10	21	9	31	3	19	17	4
WASHINGTON, D.C.-MD.-VA.	13,330	5,273	2,596	2,261	4,344	2,731	729	493	1,573	463	455
WATERBURY, CONN.	195	66	7	29	47	27	10	48	9	8	7
WATERLOO, IOWA	80	8	1	6	8	4	51	6	4	1	2
WEST PALM BEACH, FLA.	140	31	5	19	21	9	47	5	10	22	4
WHEELING, W.VA.-OHIO	61	1	------	1	8	1	25	14	6	6	1
WICHITA, KANS.	382	48	3	29	62	21	74	36	135	16	11
WICHITA FALLS, TEX.	96	2	1	1	10	3	26	2	47	5	4
WILKES-BARRE-HAZLETON, PA.	110	9	4	4	15	5	45	13	11	7	10
WILMINGTON, DEL.-N.J.-MD.	2,716	1,130	366	532	658	395	113	336	222	143	114
WILMINGTON, N.C.	34	5	1	2	13	1	10	2	4	------	------
WINSTON SALEM, N.C.	219	86	51	26	31	20	52	13	17	14	6
WORCESTER, MASS.	367	104	70	25	68	35	121	15	24	22	13
YORK, PA.	118	23	2	14	19	8	43	13	10	8	2
YOUNGSTOWN-WARREN, OHIO	135	15	2	6	21	4	54	12	13	11	9
OTHER LOCATIONS	55,257	15,531	7,289	6,095	11,524	4,500	14,085	3,393	5,287	3,296	2,141

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH OR DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A-33. Median annual salaries of full-time employed civilian scientists, by Standard Metropolitan Statistical Area and field, 1966

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD					
		CHEMISTRY	EARTH SCIENCES	METEOROLOGY	PHYSICS	MATHEMATICS	AGRICULTURAL SCIENCES
ALL LOCATIONS	12,000	12,000	11,400	11,700	12,500	12,000	10,000
STANDARD METROPOLITAN STATISTICAL AREAS	12,200	12,200	11,700	12,000	13,000	12,300	11,300
ABILENE, TEX.	9,000	-------	10,000	-------	-------	-------	-------
AKRON, OHIO	12,000	12,000	9,100	-------	12,000	12,000	-------
ALBANY, GA.	-------	-------	-------	-------	-------	-------	-------
ALBANY-SCHENECTADY-TROY, N.Y.	13,000	13,000	10,100	-------	15,000	11,900	9,400
ALBUQUERQUE, N.M.	13,200	12,900	10,200	-------	14,700	13,400	11,700
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	11,700	12,300	-------	-------	13,400	9,800	-------
ALTOONA, PA.	9,000	-------	-------	-------	-------	-------	-------
AMARILLO, TEX.	10,800	-------	11,100	-------	-------	-------	-------
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	13,400	13,500	12,200	-------	15,100	13,700	-------
ANDERSON, IND.	-------	-------	-------	-------	-------	-------	-------
ANN ARBOR, MICH.	12,800	11,500	11,000	11,800	12,700	11,900	12,500
ASHEVILLE, N.C.	10,900	11,600	-------	11,100	-------	-------	-------
ATLANTA, GA.	11,600	11,200	12,000	11,000	10,000	11,000	11,700
ATLANTIC CITY, N.J.	12,100	-------	-------	-------	-------	-------	-------
AUGUSTA, GA.-S.C.	12,100	12,400	-------	-------	12,900	-------	-------
AUSTIN, TEX.	12,000	12,000	10,700	-------	12,000	10,400	-------
BAKERSFIELD, CALIF.	12,000	12,700	11,800	-------	12,800	11,300	-------
BALTIMORE, MD.	12,000	12,000	10,700	-------	11,800	12,500	-------
BATON ROUGE, LA.	12,200	13,600	12,000	-------	9,700	10,600	11,100
BAY CITY, MICH.	9,400	-------	-------	-------	-------	-------	-------
BEAUMONT-PORT ARTHUR, TEX.	11,400	12,000	11,500	-------	-------	-------	-------
BILLINGS, MONT.	10,600	-------	11,500	-------	-------	-------	-------
BINGHAMTON, N.Y.-PA.	12,500	12,600	-------	-------	12,100	12,100	-------
BIRMINGHAM, ALA.	12,500	11,500	-------	-------	-------	10,300	-------
BLOOMINGTON-NORMAL, ILL.	11,800	-------	-------	-------	-------	11,400	-------
BOISE CITY, IDAHO	9,900	-------	-------	-------	-------	-------	9,800
BOSTON, MASS.	12,500	11,900	11,500	13,800	13,500	13,000	10,000
BRIDGEPORT, CONN.	10,200	12,000	-------	-------	-------	-------	-------
BROCKTON, MASS.	10,000	-------	-------	-------	-------	-------	-------
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	9,900	-------	-------	-------	-------	-------	-------
BUFFALO, N.Y.	11,700	12,000	10,000	-------	11,700	10,400	-------
CANTON, OHIO	10,300	11,000	-------	-------	-------	-------	-------
CEDAR RAPIDS, IOWA	10,600	-------	-------	-------	-------	-------	-------
CHAMPAIGN-URBANA, ILL.	12,200	10,300	12,300	-------	12,000	10,700	12,300
CHARLESTON, S.C.	11,400	11,500	-------	-------	-------	-------	-------
CHARLESTON, W.VA.	12,700	13,500	-------	-------	-------	-------	-------
CHARLOTTE, N.C.	11,200	12,800	-------	-------	-------	-------	-------
CHATTANOOGA, TENN.-GA.	10,800	11,700	-------	-------	-------	10,500	-------
CHICAGO, ILL.	12,000	12,000	10,500	11,800	12,500	12,000	12,100
CINCINNATI, OHIO-KY.-IND.	12,000	11,800	9,000	12,000	11,200	11,000	-------
CLEVELAND, OHIO	12,000	12,000	11,300	-------	12,400	11,000	-------
COLORADO SPRINGS, COLO.	11,500	-------	-------	-------	13,200	12,500	-------
COLUMBIA, S.C.	10,200	10,500	-------	-------	-------	-------	-------
COLUMBUS, GA.-ALA.	9,400	-------	-------	-------	-------	-------	-------
COLUMBUS, OHIO	11,800	11,800	11,000	-------	13,700	12,000	10,900
CORPUS CHRISTI, TEX.	10,700	11,500	10,600	-------	-------	-------	-------
DALLAS, TEX.	12,600	12,500	12,000	-------	14,200	12,200	-------
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	10,300	10,800	-------	-------	-------	-------	-------
DAYTON, OHIO	12,000	12,000	-------	-------	12,400	12,500	-------
DECATUR, ILL.	12,500	13,000	-------	-------	-------	-------	-------
DENVER, COLO.	12,000	10,800	12,500	12,500	12,300	11,000	11,700
DES MOINES, IOWA	11,000	-------	-------	-------	-------	14,200	-------
DETROIT, MICH.	11,800	12,000	9,100	-------	12,500	11,500	-------
DUBUQUE, IOWA	8,000	-------	-------	-------	-------	-------	-------
DULUTH-SUPERIOR, MINN.-WIS.	9,300	-------	-------	-------	-------	-------	8,300
DURHAM, N.C.	13,300	13,600	-------	-------	12,300	13,500	-------
EL PASO, TEX.	10,200	-------	11,500	-------	-------	-------	-------
ERIE, PA.	10,000	12,000	-------	-------	-------	-------	-------
EUGENE, OREG.	10,500	8,800	-------	-------	-------	-------	8,900
EVANSVILLE, IND.-KY.	11,500	12,000	11,000	-------	-------	-------	-------
FALL RIVER, MASS.-R.I.	11,500	-------	-------	-------	-------	-------	-------
FARGO-MOORHEAD, N.DAK.-MINN.	10,100	9,800	-------	-------	-------	-------	-------
FAYETTEVILLE, N.C.	-------	-------	-------	-------	-------	-------	-------
FITCHBURG-LEOMINSTER, MASS.	11,100	12,400	-------	-------	-------	-------	-------
FLINT, MICH.	10,500	10,800	-------	-------	-------	-------	-------
FORT LAUDERDALE-HOLLYWOOD, FLA.	9,800	-------	-------	-------	-------	-------	-------
FORT SMITH, ARK.-OKLA.	-------	-------	-------	-------	-------	-------	-------
FORT WAYNE, IND.	10,400	10,500	-------	-------	-------	10,000	-------
FORT WORTH, TEX.	12,000	10,800	12,500	-------	12,400	11,600	-------
FRESNO, CALIF.	10,600	11,000	-------	-------	-------	-------	10,400
GADSDEN, ALA.	-------	-------	-------	-------	-------	-------	-------
GALVESTON-TEXAS CITY, TEX.	12,400	12,400	-------	-------	-------	-------	-------
GARY-HAMMOND-EAST CHICAGO, IND.	13,000	14,700	-------	-------	-------	8,400	-------
GRAND RAPIDS, MICH.	9,900	10,800	-------	-------	-------	-------	-------
GREAT FALLS, MONT.	11,400	-------	-------	-------	-------	-------	-------
GREEN BAY, WIS.	8,900	-------	-------	-------	-------	-------	-------
GREENSBORO-HIGH POINT, N.C.	10,000	11,400	-------	-------	-------	-------	-------
GREENVILLE, S.C.	10,200	11,000	-------	-------	-------	-------	-------
HAMILTON-MIDDLETOWN, OHIO	10,500	11,000	-------	-------	-------	-------	-------
HARRISBURG, PA.	9,900	9,800	9,500	-------	-------	-------	9,400
HARTFORD, CONN.	12,300	12,000	-------	13,000	13,200	14,000	-------
HONOLULU, HAWAII	12,000	10,300	11,900	12,600	10,600	12,500	12,000
HOUSTON, TEX.	12,500	12,300	12,400	10,200	11,000	12,300	-------
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	9,600	9,500	-------	-------	-------	-------	-------
HUNTSVILLE, ALA.	12,500	13,200	-------	-------	12,500	11,800	-------
INDIANAPOLIS, IND.	12,000	12,300	-------	-------	10,000	10,700	-------
JACKSON, MICH.	9,700	-------	-------	-------	-------	-------	-------

Appendix Table A–33. Median annual salaries of full-time employed civilian scientists, by Standard Metropolitan Statistical Area and field, 1966—Continued

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	ANTHRO-POLOGY	LINGUISTICS	OTHER FIELDS
ALL LOCATIONS	12,000	11,500	12,800	13,100	11,300	11,500	10,000	12,000
STANDARD METROPOLITAN STATISTICAL AREAS	12,600	11,700	12,900	13,600	11,500	12,000	10,000	12,300
ABILENE, TEX.	———	———	———	———	———	———	———	———
AKRON, OHIO	9,500	10,400	———	13,800	———	———	———	11,500
ALBANY, GA.	———	———	———	———	———	———	———	———
ALBANY-SCHENECTADY-TROY, N.Y.	13,200	12,000	———	12,500	———	———	———	11,500
ALBUQUERQUE, N.M.	13,800	12,000	———	———	———	———	———	12,300
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	9,400	9,300	———	11,000	———	———	———	11,500
ALTOONA, PA.	———	———	———	———	———	———	———	———
AMARILLO, TEX.	———	———	———	———	———	———	———	———
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	10,700	13,000	———	10,800	———	———	———	13,800
ANDERSON, IND.	———	———	———	———	———	———	———	———
ANN ARBOR, MICH.	14,000	12,800	———	14,000	12,000	———	———	13,000
ASHEVILLE, N.C.	———	———	———	———	———	———	———	———
ATLANTA, GA.	12,000	12,000	———	12,900	10,500	———	———	11,000
ATLANTIC CITY, N.J.	———	———	———	———	———	———	———	———
AUGUSTA, GA.-S.C.	14,000	———	———	———	———	———	———	11,300
AUSTIN, TEX.	12,000	11,500	———	12,500	———	———	———	———
BAKERSFIELD, CALIF.	11,300	———	———	———	———	———	———	13,000
BALTIMORE, MD.	13,500	11,300	12,700	12,000	———	———	———	11,400
BATON ROUGE, LA.	11,300	———	———	13,000	———	———	———	13,000
BAY CITY, MICH.	———	———	———	———	———	———	———	———
BEAUMONT-PORT ARTHUR, TEX.	———	———	———	———	———	———	———	10,700
BILLINGS, MONT.	———	———	———	———	———	———	———	———
BINGHAMTON, N.Y.-PA.	———	13,300	———	———	———	———	———	12,300
BIRMINGHAM, ALA.	16,000	———	———	———	———	———	———	———
BLOOMINGTON-NORMAL, ILL.	———	12,300	———	———	———	———	———	———
BOISE CITY, IDAHO	———	———	———	———	———	———	———	———
BOSTON, MASS.	12,000	11,400	15,000	12,500	12,500	13,000	11,000	13,000
BRIDGEPORT, CONN.	———	———	———	———	———	———	———	———
BROCKTON, MASS.	———	———	———	———	———	———	———	———
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	———	———	———	———	———	———	———	———
BUFFALO, N.Y.	13,000	11,000	———	12,000	10,200	———	———	11,400
CANTON, OHIO	———	———	———	———	———	———	———	———
CEDAR RAPIDS, IOWA	———	———	———	———	———	———	———	———
CHAMPAIGN-URBANA, ILL.	13,000	12,800	———	13,400	———	———	———	12,600
CHARLESTON, S.C.	12,000	———	———	———	———	———	———	———
CHARLESTON, W.VA.	———	———	———	———	———	———	———	12,000
CHARLOTTE, N.C.	———	———	———	———	———	———	———	11,200
CHATTANOOGA, TENN.-GA.	———	———	———	———	———	———	———	———
CHICAGO, ILL.	13,300	11,500	12,000	15,000	12,500	16,000	11,500	11,500
CINCINNATI, OHIO-KY.-IND.	14,000	10,000	———	12,000	———	———	———	10,500
CLEVELAND, OHIO	15,000	11,500	———	14,000	11,500	———	———	12,300
COLORADO SPRINGS, COLO.	———	———	———	———	———	———	———	———
COLUMBIA, S.C.	———	———	———	———	———	———	———	———
COLUMBUS, GA.-ALA.	———	———	———	———	———	———	———	———
COLUMBUS, OHIO	11,000	11,000	———	13,400	11,500	———	———	11,100
CORPUS CHRISTI, TEX.	———	———	———	———	———	———	———	10,500
DALLAS, TEX.	12,500	12,000	———	15,600	———	———	———	13,000
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	———	———	———	———	———	———	———	———
DAYTON, OHIO	11,700	13,000	———	———	———	———	———	12,000
DECATUR, ILL.	———	———	———	———	———	———	———	———
DENVER, COLO.	12,100	10,600	———	11,600	10,900	———	———	12,000
DES MOINES, IOWA	12,000	10,000	———	———	———	———	———	———
DETROIT, MICH.	12,500	11,500	12,000	13,000	11,000	———	———	11,000
DUBUQUE, IOWA	———	———	———	———	———	———	———	———
DULUTH-SUPERIOR, MINN.-WIS.	———	———	———	———	———	———	———	———
DURHAM, N.C.	14,000	11,600	———	———	———	———	———	———
EL PASO, TEX.	———	———	———	———	———	———	———	———
ERIE, PA.	———	———	———	———	———	———	———	———
EUGENE, OREG.	———	11,500	———	———	———	———	———	———
EVANSVILLE, IND.-KY.	———	———	———	———	———	———	———	———
FALL RIVER, MASS.-R.I.	———	———	———	———	———	———	———	———
FARGO-MOORHEAD, N.DAK.-MINN.	11,000	———	———	———	———	———	———	———
FAYETTEVILLE, N.C.	———	———	———	———	———	———	———	———
FITCHBURG-LEOMINSTER, MASS.	———	———	———	———	———	———	———	———
FLINT, MICH.	———	———	———	———	———	———	———	———
FORT LAUDERDALE-HOLLYWOOD, FLA.	———	———	———	———	———	———	———	———
FORT SMITH, ARK.-OKLA.	———	———	———	———	———	———	———	———
FORT WAYNE, IND.	———	———	———	———	———	———	———	———
FORT WORTH, TEX.	———	11,000	———	———	———	———	———	12,000
FRESNO, CALIF.	10,800	10,800	———	———	———	———	———	———
GADSDEN, ALA.	———	———	———	———	———	———	———	———
GALVESTON-TEXAS CITY, TEX.	13,500	———	———	———	———	———	———	12,000
GARY-HAMMOND-EAST CHICAGO, IND.	———	11,200	———	———	———	———	———	12,300
GRAND RAPIDS, MICH.	8,800	10,000	———	———	———	———	———	———
GREAT FALLS, MONT.	———	———	———	———	———	———	———	———
GREEN BAY, WIS.	———	———	———	———	———	———	———	———
GREENSBORO-HIGH POINT, N.C.	———	———	———	———	———	———	———	———
GREENVILLE, S.C.	———	———	———	———	———	———	———	———
HAMILTON-MIDDLETOWN, OHIO	———	———	———	———	———	———	———	———
HARRISBURG, PA.	9,600	10,400	———	———	———	———	———	———
HARTFORD, CONN.	11,000	12,300	———	11,500	———	———	———	11,000
HONOLULU, HAWAII	12,500	12,000	———	14,700	———	———	———	10,000
HOUSTON, TEX.	14,000	12,000	———	13,200	———	———	———	14,300
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	———	———	———	———	———	———	———	———
HUNTSVILLE, ALA.	———	———	———	———	———	———	———	14,000
INDIANAPOLIS, IND.	13,500	10,500	———	———	———	———	———	9,600
JACKSON, MICH.	———	———	———	———	———	———	———	———

Appendix Table A-33. Median annual salaries of full-time employed civilian scientists, by Standard Metropolitan Statistical Area and field, 1966—Continued

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD					
		CHEMISTRY	EARTH SCIENCES	METEOROLOGY	PHYSICS	MATHEMATICS	AGRICULTURAL SCIENCES
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED							
JACKSON, MISS.	11,000	———	11,400	———	———	———	———
JACKSONVILLE, FLA.	10,600	11,000	———	———	———	———	———
JERSEY CITY, N.J.	11,400	11,000	———	———	11,000	9,800	———
JOHNSTOWN, PA.	8,700	———	———	———	———	———	———
KALAMAZOO, MICH.	13,000	13,600	———	———	———	———	———
KANSAS CITY, MO.-KANS.	11,500	11,000	———	12,100	9,700	10,200	———
KENOSHA, WIS.	8,400	———	———	———	———	———	———
KNOXVILLE, TENN.	13,000	13,500	10,400	———	14,000	10,300	13,300
LAFAYETTE, LA.	10,800	———	11,000	———	———	———	———
LAFAYETTE-WEST LAFAYETTE, IND.	13,000	15,000	———	———	13,600	13,000	12,500
LAKE CHARLES, LA.	10,500	10,400	———	———	———	———	———
LANCASTER, PA.	11,000	12,400	———	———	12,800	———	———
LANSING, MICH.	12,300	12,000	11,100	———	12,000	9,900	12,500
LAREDO, TEX.	———	———	———	———	———	———	———
LAS VEGAS, NEV.	11,000	10,400	———	———	———	———	———
LAWRENCE-HAVERHILL, MASS.-N.H.	10,500	11,500	———	———	———	———	———
LAWTON, OKLA.	———	———	———	———	———	———	———
LEWISTON-AUBURN, MAINE	———	———	———	———	———	———	———
LEXINGTON, KY.	12,000	11,700	11,000	———	———	11,600	11,500
LIMA, OHIO	9,500	———	———	———	———	———	———
LINCOLN, NEBR.	10,500	10,000	9,300	———	9,500	9,300	11,800
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	11,200	13,000	———	———	———	———	———
LORAIN-ELYRIA, OHIO	10,800	11,000	———	———	———	———	———
LOS ANGELES-LONG BEACH, CALIF.	13,300	12,500	12,000	13,200	15,100	14,000	10,800
LOUISVILLE, KY.-IND.	11,000	11,000	———	———	———	8,500	———
LOWELL, MASS.	11,600	12,400	———	———	———	———	———
LUBBOCK, TEX.	11,300	———	10,800	———	———	———	———
LYNCHBURG, VA.	10,500	———	———	———	———	———	———
MACON, GA.	9,200	———	———	———	———	———	———
MADISON, WIS.	12,000	10,500	11,000	———	10,500	11,400	12,000
MANCHESTER, N.H.	———	———	———	———	———	———	———
MANSFIELD, OHIO	———	———	———	———	———	———	———
MAYAGUEZ, P.R.	8,400	———	———	———	———	———	———
MCALLEN-PHARR-EDINBURG, TEX.	11,000	———	———	———	———	———	———
MEMPHIS, TENN.-ARK.	11,200	11,000	———	———	———	———	———
MERIDEN, CONN.	———	———	———	———	———	———	———
MIAMI, FLA.	10,800	10,500	11,000	11,700	10,300	10,300	———
MIDLAND, TEX.	11,500	———	11,500	———	———	———	———
MILWAUKEE, WIS.	11,000	10,500	———	———	11,400	11,400	———
MINNEAPOLIS-ST. PAUL, MINN.	12,000	12,500	10,600	11,700	11,700	12,000	11,000
MOBILE, ALA.	10,200	10,600	———	———	———	———	———
MONROE, LA.	9,600	———	———	———	———	———	———
MONTGOMERY, ALA.	9,800	———	———	———	———	———	———
MUNCIE, IND.	9,600	———	———	———	———	———	———
MUSKEGON-MUSKEGON HEIGHTS, MICH.	11,200	12,000	———	———	———	———	———
NASHVILLE, TENN.	11,000	10,400	———	———	11,000	12,000	———
NEW BEDFORD, MASS.	10,800	———	———	———	———	———	———
NEW BRITAIN, CONN.	9,600	———	———	———	———	———	———
NEW HAVEN, CONN.	11,500	12,000	10,000	———	10,000	10,000	———
NEW LONDON-GROTON-NORWICH, CONN.	12,500	13,500	———	———	11,000	———	———
NEW ORLEANS, LA.	11,500	10,700	12,000	———	10,200	11,400	———
NEW YORK, N.Y.	13,000	13,000	12,000	11,000	12,900	13,500	12,000
NEWARK, N.J.	13,200	13,000	9,300	———	14,000	14,000	———
NEWPORT NEWS-HAMPTON, VA.	10,500	———	———	———	10,600	9,600	———
NORFOLK-PORTSMOUTH, VA.	10,000	9,500	———	———	———	———	———
NORWALK, CONN.	13,500	13,100	———	———	14,000	———	———
ODESSA, TEX.	9,600	———	———	———	———	———	———
OGDEN, UTAH	10,500	———	———	———	———	———	13,000
OKLAHOMA CITY, OKLA.	11,500	10,500	12,000	———	9,600	10,600	———
OMAHA, NEBR.-IOWA	11,300	10,000	———	———	———	13,000	———
ORLANDO, FLA.	12,000	10,500	———	———	12,700	12,000	———
OXNARD-VENTURA, CALIF.	———	———	———	———	———	———	———
PATERSON-CLIFTON-PASSAIC, N.J.	12,500	12,800	———	———	11,000	14,000	———
PENSACOLA, FLA.	10,700	11,200	———	———	———	———	———
PEORIA, ILL.	11,400	11,700	———	———	———	———	———
PHILADELPHIA, PA.-N.J.	12,200	12,200	10,200	10,400	12,000	13,000	10,500
PHOENIX, ARIZ.	11,000	10,000	10,600	———	12,000	13,000	10,900
PINE BLUFF, ARK.	10,000	———	———	———	———	———	———
PITTSBURGH, PA.	12,500	12,100	12,000	———	13,500	12,000	———
PITTSFIELD, MASS.	12,000	12,400	———	———	———	———	———
PONCE, P.R.	———	———	———	———	———	———	———
PORTLAND, MAINE	9,400	———	———	———	———	———	———
PORTLAND, OREG.-WASH.	11,000	11,300	10,000	———	9,000	10,500	11,400
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	10,800	12,000	———	———	10,700	10,200	———
PROVO-OREM, UTAH	9,400	10,300	———	———	———	———	———
PUEBLO, COLO.	9,200	———	———	———	———	———	———
RACINE, WIS.	12,000	12,000	———	———	———	———	———
RALEIGH, N.C.	11,600	11,000	9,800	———	11,800	10,300	11,400
READING, PA.	10,200	9,600	———	———	———	———	———
RENO, NEV.	11,000	———	11,200	———	———	———	10,800
RICHMOND, VA.	11,700	12,000	———	———	9,300	12,000	———
ROANOKE, VA.	10,800	———	———	———	———	———	———
ROCHESTER, N.Y.	13,000	13,500	9,300	———	13,500	12,000	———
ROCKFORD, ILL.	10,500	———	———	———	———	———	———
SACRAMENTO, CALIF.	11,800	11,300	10,800	———	10,700	10,300	12,100
SAGINAW, MICH.	9,200	———	———	———	———	———	———
ST. JOSEPH, MO.	———	———	———	———	———	———	———
ST. LOUIS, MO.-ILL.	12,300	13,000	10,000	11,500	11,000	11,100	———
SALEM, OREG.	9,800	———	———	———	———	———	10,000

Appendix Table A–33. Median annual salaries of full-time employed civilian scientists, by Standard Metropolitan Statistical Area and field, 1966—Continued

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	ANTHRO-POLOGY	LINGUISTICS	OTHER FIELDS
STANDARD METROPOLITAN STATISTICAL AREAS – CONTINUED								
JACKSON, MISS.	13,500	------	------	------	------	------	------	------
JACKSONVILLE, FLA.	------	------	------	------	------	------	------	------
JERSEY CITY, N.J.	13,000	------	------	------	------	------	------	12,500
JOHNSTOWN, PA.	------	------	------	------	------	------	------	------
KALAMAZOO, MICH.	14,100	10,200	------	------	------	------	------	------
KANSAS CITY, MO.-KANS.	12,500	12,000	------	12,800	------	------	------	10,800
KENOSHA, WIS.	------	------	------	------	------	------	------	------
KNOXVILLE, TENN.	11,800	11,000	------	11,200	------	------	------	13,400
LAFAYETTE, LA.	------	------	------	------	------	------	------	------
LAFAYETTE-WEST LAFAYETTE, IND.	13,600	12,500	------	12,700	------	------	------	11,700
LAKE CHARLES, LA.	------	------	------	------	------	------	------	------
LANCASTER, PA.	10,200	10,700	------	------	------	------	------	------
LANSING, MICH.	12,000	12,500	------	14,000	14,100	------	------	12,000
LAREDO, TEX.	------	------	------	------	------	------	------	------
LAS VEGAS, NEV.	------	------	------	------	------	------	------	------
LAWRENCE-HAVERHILL, MASS.-N.H.	------	------	------	------	------	------	------	------
LAWTON, OKLA.	------	------	------	------	------	------	------	------
LEWISTON-AUBURN, MAINE	------	------	------	------	------	------	------	------
LEXINGTON, KY.	14,000	12,000	------	11,100	------	------	------	------
LIMA, OHIO	------	------	------	------	------	------	------	------
LINCOLN, NEBR.	11,300	10,300	------	11,900	------	------	------	------
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	14,000	11,000	------	------	------	------	------	------
LORAIN-ELYRIA, OHIO	------	------	------	------	------	------	------	------
LOS ANGELES-LONG BEACH, CALIF.	12,900	13,000	13,800	13,800	11,800	11,000	11,100	14,500
LOUISVILLE, KY.-IND.	13,800	9,200	------	------	------	------	------	12,600
LOWELL, MASS.	------	------	------	------	------	------	------	------
LUBBOCK, TEX.	------	------	------	------	------	------	------	------
LYNCHBURG, VA.	------	------	------	------	------	------	------	------
MACON, GA.	------	------	------	------	------	------	------	------
MADISON, WIS.	13,000	12,500	------	13,200	11,000	------	------	10,700
MANCHESTER, N.H.	------	------	------	------	------	------	------	------
MANSFIELD, OHIO	------	------	------	------	------	------	------	------
MAYAGUEZ, P.R.	------	------	------	------	------	------	------	------
MCALLEN-PHARR-EDINBURG, TEX.	------	------	------	------	------	------	------	------
MEMPHIS, TENN.-ARK.	13,800	9,700	------	------	------	------	------	------
MERIDEN, CONN.	------	------	------	------	------	------	------	------
MIAMI, FLA.	11,000	10,500	------	11,000	------	------	------	------
MIDLAND, TEX.	------	------	------	------	------	------	------	------
MILWAUKEE, WIS.	13,000	11,000	------	11,700	------	------	------	11,000
MINNEAPOLIS-ST. PAUL, MINN.	12,900	11,900	12,000	13,200	11,900	------	------	11,500
MOBILE, ALA.	------	------	------	------	------	------	------	------
MONROE, LA.	------	------	------	------	------	------	------	------
MONTGOMERY, ALA.	------	------	------	------	------	------	------	------
MUNCIE, IND.	------	------	------	------	------	------	------	------
MUSKEGON-MUSKEGON HEIGHTS, MICH.	------	------	------	------	------	------	------	------
NASHVILLE, TENN.	12,500	10,500	------	------	------	------	------	9,500
NEW BEDFORD, MASS.	------	------	------	------	------	------	------	------
NEW BRITAIN, CONN.	------	------	------	------	------	------	------	------
NEW HAVEN, CONN.	13,000	10,300	------	14,000	12,700	------	------	11,000
NEW LONDON-GROTON-NORWICH, CONN.	14,000	------	------	------	------	------	------	------
NEW ORLEANS, LA.	12,300	9,700	------	11,800	------	------	------	11,300
NEW YORK, N.Y.	13,800	12,000	12,500	15,300	12,300	12,000	11,500	13,800
NEWARK, N.J.	14,000	11,200	11,600	14,500	------	------	------	12,700
NEWPORT NEWS-HAMPTON, VA.	------	------	------	------	------	------	------	------
NORFOLK-PORTSMOUTH, VA.	------	------	------	------	------	------	------	------
NORWALK, CONN.	------	------	------	------	------	------	------	------
ODESSA, TEX.	------	------	------	------	------	------	------	------
OGDEN, UTAH	------	------	------	------	------	------	------	------
OKLAHOMA CITY, OKLA.	12,500	11,000	------	------	------	------	------	10,000
OMAHA, NEBR.-IOWA	13,500	11,400	------	------	------	------	------	------
ORLANDO, FLA.	------	------	------	------	------	------	------	------
OXNARD-VENTURA, CALIF.	------	------	------	------	------	------	------	------
PATERSON-CLIFTON-PASSAIC, N.J.	12,900	10,700	------	15,000	------	------	------	12,000
PENSACOLA, FLA.	------	------	------	------	------	------	------	11,500
PEORIA, ILL.	------	------	------	------	------	------	------	------
PHILADELPHIA, PA.-N.J.	13,300	11,500	11,300	13,000	10,000	------	11,000	12,100
PHOENIX, ARIZ.	10,300	11,400	------	10,500	------	------	------	10,700
PINE BLUFF, ARK.	------	------	------	------	------	------	------	------
PITTSBURGH, PA.	13,000	12,000	13,700	14,100	11,200	------	------	13,400
PITTSFIELD, MASS.	------	------	------	------	------	------	------	------
PONCE, P.R.	------	------	------	------	------	------	------	------
PORTLAND, MAINE	------	------	------	------	------	------	------	------
PORTLAND, OREG.-WASH.	12,000	11,500	------	11,000	------	------	------	9,800
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	11,500	10,800	------	------	------	------	------	8,800
PROVO-OREM, UTAH	------	------	------	------	------	------	------	------
PUEBLO, COLO.	------	------	------	------	------	------	------	------
RACINE, WIS.	------	------	------	------	------	------	------	------
RALEIGH, N.C.	12,400	------	------	11,500	------	------	------	------
READING, PA.	------	------	------	------	------	------	------	------
RENO, NEV.	------	------	------	------	------	------	------	------
RICHMOND, VA.	12,000	9,900	------	13,500	------	------	------	12,000
ROANOKE, VA.	------	------	------	------	------	------	------	------
ROCHESTER, N.Y.	12,800	11,000	12,300	13,600	------	------	------	12,300
ROCKFORD, ILL.	------	------	------	------	------	------	------	------
SACRAMENTO, CALIF.	12,800	12,000	------	12,700	12,000	------	------	12,100
SAGINAW, MICH.	------	------	------	------	------	------	------	------
ST. JOSEPH, MO.	------	------	------	------	------	------	------	------
ST. LOUIS, MO.-ILL.	13,500	12,000	------	14,500	13,000	------	------	11,500
SALEM, OREG.	------	------	------	------	------	------	------	------

Appendix Table A-33. Median annual salaries of full-time employed civilian scientists, by Standard Metropolitan Statistical Area and field, 1966—Continued

LOCATION	TOTAL	SCIENTIFIC AND TECHNICAL FIELD					
		CHEMISTRY	EARTH SCIENCES	METEOROLOGY	PHYSICS	MATHEMATICS	AGRICULTURAL SCIENCES
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED							
SALINAS-MONTEREY, CALIF.	12,200	13,200	11,300	———	15,000	12,700	———
SALT LAKE CITY, UTAH	11,500	11,400	11,000	12,900	11,700	11,500	———
SAN ANGELO, TEX.	———	———	———	———	———	———	———
SAN ANTONIO, TEX.	11,000	10,000	10,700	———	10,000	9,500	———
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	11,700	11,300	10,000	———	11,700	12,000	12,000
SAN DIEGO, CALIF.	12,000	11,900	11,000	———	13,200	11,700	———
SAN FRANCISCO-OAKLAND, CALIF.	13,000	13,000	12,500	12,100	13,500	12,500	12,900
SAN JOSE, CALIF.	13,300	12,500	12,900	13,400	14,700	13,000	———
SAN JUAN, P.R.	9,400	9,000	———	———	———	———	———
SANTA BARBARA, CALIF.	12,500	11,000	12,000	———	14,900	12,600	———
SAVANNAH, GA.	10,500	11,100	———	———	———	———	———
SCRANTON, PA.	8,800	———	———	———	———	———	———
SEATTLE-EVERETT, WASH.	11,500	11,000	10,700	11,700	12,000	12,000	10,600
SHREVEPORT, LA.	11,000	———	11,000	———	———	———	———
SIOUX CITY, IOWA-NEB.	8,400	———	———	———	———	———	———
SIOUX FALLS, S.DAK.	8,400	———	———	———	———	———	———
SOUTH BEND, IND.	10,000	10,100	———	———	10,500	10,000	———
SPOKANE, WASH.	10,000	———	———	———	———	———	———
SPRINGFIELD, ILL.	10,300	———	———	———	———	———	———
SPRINGFIELD, MO.	9,500	———	———	———	———	———	———
SPRINGFIELD, OHIO	10,300	———	———	———	———	———	———
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	11,500	13,000	———	———	10,100	11,700	———
STAMFORD, CONN.	13,700	13,400	———	———	15,100	———	———
STEUBENVILLE-WEIRTON, OHIO-W.VA.	9,500	———	———	———	———	———	———
STOCKTON, CALIF.	10,000	———	———	———	———	———	———
SYRACUSE, N.Y.	12,000	12,000	10,200	———	11,700	11,500	———
TACOMA, WASH.	10,000	10,000	———	———	———	———	10,600
TALLAHASSEE, FLA.	11,000	8,700	11,300	———	11,200	11,200	———
TAMPA-ST. PETERSBURG, FLA.	10,200	9,700	———	———	11,700	10,600	———
TERRE HAUTE, IND.	11,000	10,500	———	———	———	———	———
TEXARKANA, TEX.-ARK.	———	———	———	———	———	———	———
TOLEDO, OHIO-MICH.	11,000	11,500	9,100	———	10,500	10,800	———
TOPEKA, KANS.	10,200	———	———	———	———	———	———
TRENTON, N.J.	13,100	13,000	11,000	———	14,400	13,000	———
TUCSON, ARIZ.	11,000	9,400	10,300	———	11,400	———	11,400
TULSA, OKLA.	12,000	11,800	12,300	———	———	11,400	———
TUSCALOOSA, ALA.	10,400	———	———	———	———	———	———
TYLER, TEX.	11,200	———	12,000	———	———	———	———
UTICA-ROME, N.Y.	10,000	———	———	———	10,600	———	———
VALLEJO-NAPA, CALIF.	10,800	11,800	———	———	———	———	———
WACO, TEX.	11,000	11,800	———	———	———	———	———
WASHINGTON, D.C.-MD.-VA.	13,900	13,000	12,900	13,500	13,800	14,400	14,300
WATERBURY, CONN.	11,400	12,000	———	———	———	———	———
WATERLOO, IOWA	9,500	———	———	———	———	———	———
WEST PALM BEACH, FLA.	11,500	———	———	———	———	———	———
WHEELING, W.VA.-OHIO	8,900	———	———	———	———	———	———
WICHITA, KANS.	10,400	10,000	11,000	———	———	9,200	———
WICHITA FALLS, TEX.	9,500	———	10,300	———	———	———	———
WILKES-BARRE-HAZLETON, PA.	8,800	9,200	———	———	———	———	———
WILMINGTON, DEL.-N.J.-MD.	14,400	14,700	———	———	14,400	11,800	———
WILMINGTON, N.C.	8,300	———	———	———	———	———	———
WINSTON SALEM, N.C.	11,300	12,000	———	———	———	———	———
WORCESTER, MASS.	10,500	10,800	———	———	11,500	11,000	———
YORK, PA.	10,000	10,400	———	———	———	———	———
YOUNGSTOWN-WARREN, OHIO	9,500	10,300	———	———	———	———	———
OTHER LOCATIONS	10,800	11,700	10,700	10,800	10,800	10,000	9,600

NOTE - NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A-33. Median annual salaries of full-time employed civilian scientists, by Standard Metropolitan Statistical Area and field, 1966—Continued

LOCATION	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	ANTHRO-POLOGY	LINGUISTICS	OTHER FIELDS
STANDARD METROPOLITAN STATISTICAL AREAS - CONTINUED								
SALINAS-MONTEREY, CALIF.	11,000	12,200	------	------	------	------	------	12,000
SALT LAKE CITY, UTAH	12,100	10,200	------	------	------	------	------	12,000
SAN ANGELO, TEX.	------	------	------	------	------	------	------	------
SAN ANTONIO, TEX.	13,800	11,300	------	------	------	------	------	------
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	12,000	11,800	------	------	------	------	------	13,100
SAN DIEGO, CALIF.	11,000	12,000	------	11,100	------	------	------	13,300
SAN FRANCISCO-OAKLAND, CALIF.	12,800	12,100	12,500	14,000	12,800	11,000	12,000	12,900
SAN JOSE, CALIF.	13,600	12,500	13,000	14,000	------	------	------	13,800
SAN JUAN, P.R.	------	------	------	------	------	------	------	------
SANTA BARBARA, CALIF.	11,200	11,300	------	------	------	------	------	------
SAVANNAH, GA.	------	------	------	------	------	------	------	------
SCRANTON, PA.	------	------	------	------	------	------	------	------
SEATTLE-EVERETT, WASH.	13,000	11,200	------	13,200	11,000	------	------	11,300
SHREVEPORT, LA.	------	------	------	------	------	------	------	------
SIOUX CITY, IOWA-NEB.	------	------	------	------	------	------	------	------
SIOUX FALLS, S.DAK.	------	------	------	------	------	------	------	------
SOUTH BEND, IND.	10,100	------	------	------	------	------	------	------
SPOKANE, WASH.	------	------	------	------	------	------	------	------
SPRINGFIELD, ILL.	------	------	------	------	------	------	------	------
SPRINGFIELD, MO.	------	------	------	------	------	------	------	------
SPRINGFIELD, OHIO	------	------	------	------	------	------	------	------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	9,500	10,300	------	------	------	------	------	12,000
STAMFORD, CONN.	------	15,800	------	------	------	------	------	15,000
STEUBENVILLE-WEIRTON, OHIO-W.VA.	------	------	------	------	------	------	------	------
STOCKTON, CALIF.	------	------	------	------	------	------	------	------
SYRACUSE, N.Y.	13,500	11,000	------	11,700	------	------	------	12,400
TACOMA, WASH.	9,300	10,600	------	------	------	------	------	------
TALLAHASSEE, FLA.	10,800	12,500	------	------	------	------	------	------
TAMPA-ST. PETERSBURG, FLA.	9,200	10,500	------	------	------	------	------	------
TERRE HAUTE, IND.	11,500	10,400	------	11,400	------	------	------	------
TEXARKANA, TEX.-ARK.	------	------	------	------	------	------	------	------
TOLEDO, OHIO-MICH.	10,400	10,000	------	12,700	------	------	------	11,900
TOPEKA, KANS.	------	12,500	------	------	------	------	------	------
TRENTON, N.J.	13,400	12,100	------	13,000	------	------	------	12,600
TUCSON, ARIZ.	11,500	10,400	------	12,000	------	------	------	12,800
TULSA, OKLA.	------	------	------	------	------	------	------	12,000
TUSCALOOSA, ALA.	------	10,600	------	------	------	------	------	------
TYLER, TEX.	------	------	------	------	------	------	------	------
UTICA-ROME, N.Y.	------	------	------	------	------	------	------	------
VALLEJO-NAPA, CALIF.	------	12,000	------	------	------	------	------	------
WACO, TEX.	------	------	------	------	------	------	------	------
WASHINGTON, D.C.-MD.-VA.	14,300	13,800	15,200	16,000	14,000	15,300	10,600	15,000
WATERBURY, CONN.	------	------	------	------	------	------	------	11,000
WATERLOO, IOWA	------	------	------	------	------	------	------	------
WEST PALM BEACH, FLA.	------	------	------	------	------	------	------	------
WHEELING, W.VA.-OHIO	------	------	------	------	------	------	------	------
WICHITA, KANS.	------	12,000	------	------	------	------	------	9,200
WICHITA FALLS, TEX.	------	------	------	------	------	------	------	------
WILKES-BARRE-HAZLETON, PA.	------	------	------	------	------	------	------	------
WILMINGTON, DEL.-N.J.-MD.	13,900	11,600	------	17,500	------	------	------	14,000
WILMINGTON, N.C.	------	------	------	------	------	------	------	------
WINSTON SALEM, N.C.	10,000	------	------	------	------	------	------	------
WORCESTER, MASS.	13,500	10,400	------	------	------	------	------	------
YORK, PA.	------	------	------	------	------	------	------	------
YOUNGSTOWN-WARREN, OHIO	------	------	------	------	------	------	------	------
OTHER LOCATIONS	11,000	10,500	12,100	12,000	10,500	10,500	9,200	10,700

Appendix Table A–34. Median annual salaries of full-time employed civilian scientists, by Standard Metropolitan Statistical Area and highest degree, 1966

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL LOCATIONS	12,000	13,200	17,200	10,700	11,000	11,000	11,500
STANDARD METROPOLITAN STATISTICAL AREAS	12,200	13,500	17,300	11,100	11,200	11,300	11,700
ABILENE, TEX.	9,000	9,000	———	7,500	10,000	———	———
AKRON, OHIO	12,000	13,100	———	10,900	11,000	———	———
ALBANY, GA.	———	———	———	———	———	———	———
ALBANY-SCHENECTADY-TROY, N.Y.	13,000	14,600	19,000	10,600	10,500	———	———
ALBUQUERQUE, N.M.	13,200	14,400	———	12,000	12,000	———	———
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	11,700	12,000	———	11,000	11,200	———	———
ALTOONA, PA.	9,000	———	———	———	———	———	———
AMARILLO, TEX.	10,800	12,000	———	8,800	10,600	———	———
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	13,400	15,600	———	12,500	12,500	———	———
ANDERSON, IND.	———	———	———	———	———	———	———
ANN ARBOR, MICH.	12,800	13,300	21,000	9,800	9,600	———	———
ASHEVILLE, N.C.	10,900	13,600	———	9,300	10,800	———	———
ATLANTA, GA.	11,600	12,500	15,800	10,900	10,700	———	———
ATLANTIC CITY, N.J.	12,100	———	———	———	———	———	———
AUGUSTA, GA.-S.C.	12,100	14,600	———	11,200	11,000	———	———
AUSTIN, TEX.	12,000	13,000	———	9,000	9,800	———	———
BAKERSFIELD, CALIF.	12,000	14,000	———	11,300	11,700	———	———
BALTIMORE, MD.	12,000	13,300	15,500	11,000	10,500	———	———
BATON ROUGE, LA.	12,200	13,000	———	11,500	10,700	———	———
BAY CITY, MICH.	9,400	———	———	———	———	———	———
BEAUMONT-PORT ARTHUR, TEX.	11,400	13,000	———	11,300	10,800	———	———
BILLINGS, MONT.	10,600	———	———	10,000	11,700	———	———
BINGHAMTON, N.Y.-PA.	12,500	13,500	———	12,100	11,600	———	———
BIRMINGHAM, ALA.	12,500	14,000	20,000	9,800	9,600	———	———
BLOOMINGTON-NORMAL, ILL.	11,800	12,300	———	9,500	———	———	———
BOISE CITY, IDAHO	9,900	———	———	9,900	9,900	———	———
BOSTON, MASS.	12,500	13,000	14,000	12,000	11,700	11,800	12,000
BRIDGEPORT, CONN.	10,200	10,500	———	9,700	10,900	———	———
BROCKTON, MASS.	10,000	11,400	———	———	———	———	———
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	9,900	———	———	———	———	———	———
BUFFALO, N.Y.	11,700	13,300	15,500	10,000	10,500	———	———
CANTON, OHIO	10,300	———	———	9,500	10,500	———	———
CEDAR RAPIDS, IOWA	10,600	12,000	———	———	———	———	———
CHAMPAIGN-URBANA, ILL.	12,200	12,700	———	10,000	10,400	———	———
CHARLESTON, S.C.	11,400	12,000	———	9,000	10,500	———	———
CHARLESTON, W.VA.	12,700	15,000	———	12,000	11,100	———	———
CHARLOTTE, N.C.	11,200	12,200	———	10,000	11,000	———	———
CHATTANOOGA, TENN.-GA.	10,800	13,000	———	10,000	10,000	———	———
CHICAGO, ILL.	12,000	14,000	19,000	11,000	10,700	12,000	11,000
CINCINNATI, OHIO-KY.-IND.	12,000	13,600	16,500	11,000	10,200	———	———
CLEVELAND, OHIO	12,000	14,000	17,500	11,000	10,600	———	11,500
COLORADO SPRINGS, COLO.	11,500	10,000	———	10,800	12,500	———	———
COLUMBIA, S.C.	10,200	11,000	———	8,100	10,000	———	———
COLUMBUS, GA.-ALA.	9,400	———	———	———	———	———	———
COLUMBUS, OHIO	11,800	12,600	16,000	10,500	10,200	———	———
CORPUS CHRISTI, TEX.	10,700	13,000	———	10,000	10,700	———	———
DALLAS, TEX.	12,600	14,200	15,500	12,000	11,500	———	———
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	10,300	11,400	———	9,500	10,600	———	———
DAYTON, OHIO	12,000	13,400	———	11,300	11,000	———	———
DECATUR, ILL.	12,500	14,000	———	———	11,200	———	———
DENVER, COLO.	12,000	12,800	17,000	11,000	11,700	———	———
DES MOINES, IOWA	11,000	12,000	———	9,900	11,900	———	———
DETROIT, MICH.	11,800	13,700	20,000	10,800	10,500	———	11,500
DUBUQUE, IOWA	8,000	———	———	———	———	———	———
DULUTH-SUPERIOR, MINN.-WIS.	9,300	10,000	———	9,000	8,700	———	———
DURHAM, N.C.	13,300	13,600	15,200	11,800	9,900	———	———
EL PASO, TEX.	10,200	11,000	———	9,800	10,000	———	———
ERIE, PA.	10,000	13,100	———	8,400	9,900	———	———
EUGENE, OREG.	10,500	12,000	———	8,200	8,500	———	———
EVANSVILLE, IND.-KY.	11,500	14,700	———	10,000	10,300	———	———
FALL RIVER, MASS.-R.I.	11,500	———	———	———	———	———	———
FARGO-MOORHEAD, N.DAK.-MINN.	10,100	10,600	———	9,100	———	———	———
FAYETTEVILLE, N.C.	———	———	———	———	———	———	———
FITCHBURG-LEOMINSTER, MASS.	11,100	———	———	———	———	———	———
FLINT, MICH.	10,500	11,300	———	10,300	9,300	———	———
FORT LAUDERDALE-HOLLYWOOD, FLA.	9,800	11,700	———	8,100	———	———	———
FORT SMITH, ARK.-OKLA.	———	———	———	———	———	———	———
FORT WAYNE, IND.	10,400	10,500	———	9,900	11,300	———	———
FORT WORTH, TEX.	12,000	12,500	———	12,000	12,000	———	———
FRESNO, CALIF.	10,600	11,500	———	10,200	9,900	———	———
GADSDEN, ALA.	———	———	———	———	———	———	———
GALVESTON-TEXAS CITY, TEX.	12,400	14,400	———	11,700	11,000	———	———
GARY-HAMMOND-EAST CHICAGO, IND.	13,000	15,000	———	11,200	11,700	———	———
GRAND RAPIDS, MICH.	9,900	10,000	———	8,800	10,800	———	———
GREAT FALLS, MONT.	11,400	———	———	———	———	———	———
GREEN BAY, WIS.	8,900	———	———	———	———	———	———
GREENSBORO-HIGH POINT, N.C.	10,000	10,600	———	8,500	9,000	———	———
GREENVILLE, S.C.	10,200	———	———	———	9,800	———	———
HAMILTON-MIDDLETOWN, OHIO	10,500	11,000	———	9,300	11,000	———	———
HARRISBURG, PA.	9,900	11,000	———	9,000	10,000	———	———
HARTFORD, CONN.	12,300	14,000	———	12,000	11,300	———	———
HONOLULU, HAWAII	12,000	13,100	———	10,500	10,600	———	———
HOUSTON, TEX.	12,500	14,000	18,000	12,000	12,000	12,000	12,500
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	9,600	10,700	———	7,900	9,500	———	———
HUNTSVILLE, ALA.	12,500	15,500	———	12,400	11,800	———	———
INDIANAPOLIS, IND.	12,000	13,900	19,000	10,300	10,200	———	———
JACKSON, MICH.	9,700	———	———	———	———	———	———

Appendix Table A–34. Median annual salaries of full-time employed civilian scientists, by Standard Metropolitan Statistical Area and highest degree, 1966—Continued

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
STANDARD METROPOLITAN STATISTICAL AREAS–CONTINUED							
JACKSON, MISS.	11,000	11,000	———	10,000	10,800	———	———
JACKSONVILLE, FLA.	10,600	———	———	10,200	10,800	———	———
JERSEY CITY, N.J.	11,400	12,000	———	11,600	10,500	———	———
JOHNSTOWN, PA.	8,700	———	———	———	———	———	———
KALAMAZOO, MICH.	13,000	13,900	———	10,500	11,300	———	———
KANSAS CITY, MO.–KANS.	11,500	13,000	20,000	10,200	9,900	———	———
KENOSHA, WIS.	8,400	———	———	———	———	———	———
KNOXVILLE, TENN.	13,000	14,000	———	11,500	12,000	———	———
LAFAYETTE, LA.	10,800	10,800	———	10,300	11,200	———	———
LAFAYETTE–WEST LAFAYETTE, IND.	13,000	13,700	———	9,000	11,700	———	———
LAKE CHARLES, LA.	10,500	———	———	———	10,800	———	———
LANCASTER, PA.	11,000	12,500	———	10,000	10,400	———	———
LANSING, MICH.	12,300	13,500	———	9,600	9,600	———	———
LAREDO, TEX.	———	———	———	———	———	———	———
LAS VEGAS, NEV.	11,000	———	———	11,000	11,000	———	———
LAWRENCE–HAVERHILL, MASS.–N.H.	10,500	10,500	———	8,700	———	———	———
LAWTON, OKLA.	———	———	———	———	———	———	———
LEWISTON–AUBURN, MAINE	———	———	———	———	———	———	———
LEXINGTON, KY.	12,000	12,200	19,100	10,500	10,600	———	———
LIMA, OHIO	9,500	———	———	———	———	———	———
LINCOLN, NEBR.	10,500	11,400	———	9,000	9,000	———	———
LITTLE ROCK–NORTH LITTLE ROCK, ARK.	11,200	13,000	———	9,000	10,000	———	———
LORAIN–ELYRIA, OHIO	10,800	11,700	———	9,300	10,900	———	———
LOS ANGELES–LONG BEACH, CALIF.	13,300	15,000	18,000	12,600	12,500	12,000	12,200
LOUISVILLE, KY.–IND.	11,000	12,900	———	9,900	10,300	———	———
LOWELL, MASS.	11,600	12,600	———	10,700	11,200	———	———
LUBBOCK, TEX.	11,300	11,800	———	9,600	———	———	———
LYNCHBURG, VA.	10,500	10,400	———	9,200	———	———	———
MACON, GA.	9,200	———	———	———	10,000	———	———
MADISON, WIS.	12,000	12,600	14,500	9,500	9,500	———	———
MANCHESTER, N.H.	———	———	———	———	———	———	———
MANSFIELD, OHIO	———	———	———	———	———	———	———
MAYAGUEZ, P.R.	8,400	10,500	———	———	———	———	———
MCALLEN–PHARR–EDINBURG, TEX.	11,000	———	———	———	———	———	———
MEMPHIS, TENN.–ARK.	11,200	12,000	19,200	8,000	10,000	———	———
MERIDEN, CONN.	———	———	———	———	———	———	———
MIAMI, FLA.	10,800	12,000	16,500	9,000	10,200	———	———
MIDLAND, TEX.	11,500	———	———	10,800	12,000	———	———
MILWAUKEE, WIS.	11,000	12,500	22,000	10,000	10,200	———	———
MINNEAPOLIS–ST. PAUL, MINN.	12,000	13,500	16,000	11,000	11,000	———	12,000
MOBILE, ALA.	10,200	9,500	———	9,100	11,000	———	———
MONROE, LA.	9,600	9,800	———	———	9,800	———	———
MONTGOMERY, ALA.	9,800	———	———	———	———	———	———
MUNCIE, IND.	9,600	11,300	———	8,500	———	———	———
MUSKEGON–MUSKEGON HEIGHTS, MICH.	11,200	———	———	———	11,200	———	———
NASHVILLE, TENN.	11,000	11,500	17,500	9,000	10,000	———	———
NEW BEDFORD, MASS.	10,800	———	———	———	———	———	———
NEW BRITAIN, CONN.	9,600	———	———	———	———	———	———
NEW HAVEN, CONN.	11,500	12,000	15,000	10,000	11,000	———	———
NEW LONDON–GROTON–NORWICH, CONN.	12,500	14,000	———	10,600	10,500	———	———
NEW ORLEANS, LA.	11,500	11,500	17,000	10,800	12,000	———	———
NEW YORK, N.Y.	13,000	14,000	18,000	12,000	12,400	12,000	12,000
NEWARK, N.J.	13,200	15,600	20,000	12,000	11,000	12,000	12,500
NEWPORT NEWS–HAMPTON, VA.	10,500	12,600	———	9,600	9,900	———	———
NORFOLK–PORTSMOUTH, VA.	10,000	10,000	———	9,100	10,200	———	———
NORWALK, CONN.	13,500	16,700	———	13,000	13,000	———	———
ODESSA, TEX.	9,600	———	———	———	9,600	———	———
OGDEN, UTAH	10,500	———	———	9,100	11,300	———	———
OKLAHOMA CITY, OKLA.	11,500	12,000	17,000	10,100	11,700	———	———
OMAHA, NEBR.–IOWA	11,300	12,400	———	9,500	10,500	———	———
ORLANDO, FLA.	12,000	13,700	———	11,600	10,800	———	———
OXNARD–VENTURA, CALIF.	———	———	———	———	———	———	———
PATERSON–CLIFTON–PASSAIC, N.J.	12,500	14,500	———	11,200	11,600	———	———
PENSACOLA, FLA.	10,700	16,100	———	10,800	9,500	———	———
PEORIA, ILL.	11,400	13,500	———	10,000	10,000	———	———
PHILADELPHIA, PA.–N.J.	12,200	13,600	17,300	11,000	11,000	11,600	11,700
PHOENIX, ARIZ.	11,000	11,700	———	9,900	11,400	———	———
PINE BLUFF, ARK.	10,000	———	———	———	———	———	———
PITTSBURGH, PA.	12,500	14,000	20,000	11,500	11,300	———	12,000
PITTSFIELD, MASS.	12,000	———	———	———	10,200	———	———
PONCE, P.R.	———	———	———	———	———	———	———
PORTLAND, MAINE	9,400	———	———	———	9,400	———	———
PORTLAND, OREG.–WASH.	11,000	11,900	16,500	10,000	10,200	———	———
PROVIDENCE–PAWTUCKET–WARWICK, R.I.–MASS.	10,800	11,500	———	9,000	10,500	———	———
PROVO–OREM, UTAH	9,400	9,400	———	———	———	———	———
PUEBLO, COLO.	9,200	———	———	8,600	———	———	———
RACINE, WIS.	12,000	14,200	———	———	10,300	———	———
RALEIGH, N.C.	11,600	12,200	———	9,400	10,200	———	———
READING, PA.	10,200	11,000	———	10,000	9,600	———	———
RENO, NEV.	11,000	12,000	———	9,700	10,400	———	———
RICHMOND, VA.	11,700	13,300	16,000	11,000	10,000	———	———
ROANOKE, VA.	10,800	12,200	———	———	———	———	———
ROCHESTER, N.Y.	13,000	14,500	14,000	11,800	11,500	———	———
ROCKFORD, ILL.	10,500	———	———	———	8,200	———	———
SACRAMENTO, CALIF.	11,800	13,000	———	11,000	10,600	———	———
SAGINAW, MICH.	9,200	———	———	———	———	———	———
ST. JOSEPH, MO.	———	———	———	———	———	———	———
ST. LOUIS, MO.–ILL.	12,300	13,800	17,000	11,000	10,400	———	———
SALEM, OREG.	9,800	11,200	———	———	9,800	———	———
SALINAS–MONTEREY, CALIF.	12,200	14,000	———	11,400	10,800	———	———

Appendix Table A-34. Median annual salaries of full-time employed civilian scientists, by Standard Metropolitan Statistical Area and highest degree, 1966—Continued

LOCATION	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
STANDARD METROPOLITAN STATISTICAL AREAS-CONTINUED							
SALT LAKE CITY, UTAH	11,500	12,000	16,000	10,800	10,800	-------	-------
SAN ANGELO, TEX.	-------	-------	-------	-------	-------	-------	-------
SAN ANTONIO, TEX.	11,000	13,000	-------	9,500	10,000	-------	-------
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	11,700	12,800	-------	11,000	10,400	-------	-------
SAN DIEGO, CALIF.	12,000	13,000	-------	11,000	10,800	-------	-------
SAN FRANCISCO-OAKLAND, CALIF.	13,000	14,000	17,600	12,000	12,000	12,000	12,700
SAN JOSE, CALIF.	13,300	15,000	17,500	12,200	12,000	12,100	11,500
SAN JUAN, P.R.	9,600	11,000	-------	7,600	9,000	-------	-------
SANTA BARBARA, CALIF.	12,500	13,900	-------	11,500	11,200	-------	-------
SAVANNAH, GA.	10,500	12,900	-------	10,000	10,000	-------	-------
SCRANTON, PA.	8,800	-------	-------	-------	-------	-------	-------
SEATTLE-EVERETT, WASH.	11,500	13,000	16,000	10,400	10,600	-------	-------
SHREVEPORT, LA.	11,000	-------	-------	10,000	11,400	-------	-------
SIOUX CITY, IOWA-NEB.	8,400	-------	-------	-------	-------	-------	-------
SIOUX FALLS, S.DAK.	8,400	-------	-------	-------	-------	-------	-------
SOUTH BEND, IND.	10,000	10,600	-------	8,900	10,200	-------	-------
SPOKANE, WASH.	10,000	10,500	-------	8,700	10,000	-------	-------
SPRINGFIELD, ILL.	10,300	-------	-------	9,900	-------	-------	-------
SPRINGFIELD, MO.	9,500	10,200	-------	8,000	-------	-------	-------
SPRINGFIELD, OHIO	10,300	10,500	-------	-------	-------	-------	-------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	11,500	11,800	-------	10,800	11,700	-------	-------
STAMFORD, CONN.	13,700	15,500	-------	11,500	10,900	-------	-------
STEUBENVILLE-WEIRTON, OHIO-W.VA.	9,500	-------	-------	-------	-------	-------	-------
STOCKTON, CALIF.	10,000	10,600	-------	9,300	-------	-------	-------
SYRACUSE, N.Y.	12,000	12,700	19,800	10,800	10,800	-------	-------
TACOMA, WASH.	10,000	11,200	-------	9,300	9,900	-------	-------
TALLAHASSEE, FLA.	11,000	12,000	-------	9,000	9,000	-------	-------
TAMPA-ST. PETERSBURG, FLA.	10,200	11,200	-------	8,700	9,700	-------	-------
TERRE HAUTE, IND.	11,000	11,900	-------	9,200	8,800	-------	-------
TEXARKANA, TEX.-ARK.	-------	-------	-------	-------	-------	-------	-------
TOLEDO, OHIO-MICH.	11,000	12,000	-------	10,200	10,000	-------	-------
TOPEKA, KANS.	10,200	12,500	-------	8,200	9,000	-------	-------
TRENTON, N.J.	13,100	14,500	-------	12,000	11,000	-------	-------
TUCSON, ARIZ.	11,000	11,800	-------	9,200	9,600	-------	-------
TULSA, OKLA.	12,000	13,200	-------	11,900	12,000	-------	-------
TUSCALOOSA, ALA.	10,600	11,000	-------	8,800	10,000	-------	-------
TYLER, TEX.	11,200	-------	-------	9,200	12,000	-------	-------
UTICA-ROME, N.Y.	10,000	11,700	-------	9,500	9,900	-------	-------
VALLEJO-NAPA, CALIF.	10,800	-------	-------	10,400	11,700	-------	-------
WACO, TEX.	11,000	10,700	-------	-------	-------	-------	-------
WASHINGTON, D.C.-MD.-VA.	13,900	15,500	18,200	13,300	12,800	12,900	12,000
WATERBURY, CONN.	11,600	14,000	-------	11,500	10,500	-------	-------
WATERLOO, IOWA	9,500	11,200	-------	8,500	-------	-------	-------
WEST PALM BEACH, FLA.	11,500	12,800	-------	9,500	-------	-------	-------
WHEELING, W.VA.-OHIO	8,900	-------	-------	-------	-------	-------	-------
WICHITA, KANS.	10,400	10,500	-------	9,600	11,000	-------	-------
WICHITA FALLS, TEX.	9,500	-------	-------	7,900	-------	-------	-------
WILKES-BARRE-HAZLETON, PA.	8,800	9,400	-------	7,500	-------	-------	-------
WILMINGTON, DEL.-N.J.-MD.	14,400	15,200	-------	13,000	12,500	-------	-------
WILMINGTON, N.C.	8,300	-------	-------	-------	-------	-------	-------
WINSTON SALEM, N.C.	11,300	11,700	-------	9,400	11,500	-------	-------
WORCESTER, MASS.	10,500	11,500	-------	8,500	11,000	-------	-------
YORK, PA.	10,000	-------	-------	8,500	10,000	-------	-------
YOUNGSTOWN-WARREN, OHIO	9,500	10,700	-------	9,200	9,400	-------	-------
OTHER LOCATIONS	10,800	12,000	17,000	9,400	10,000	10,400	10,800

NOTE - NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–35. Median annual salaries of full-time employed civilian scientists, by Standard Metropolitan Statistical Area and type of employer, 1966

LOCATION	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
ALL LOCATIONS	12,000	9,600	12,000	12,100	9,900	13,000	13,000	17,000	11,500	12,000
STANDARD METROPOLITAN STATISTICAL AREAS	12,200	10,700	12,000	12,600	10,400	13,200	13,200	18,000	11,500	13,000
ABILENE, TEX.	9,000	8,000	———	———	———	———	10,000	———	———	———
AKRON, OHIO	12,000	10,100	12,500	———	———	———	12,100	———	———	———
ALBANY, GA.	———	———	———	———	———	———	———	———	———	———
ALBANY-SCHENECTADY-TROY, N.Y.	13,000	10,500	12,000	11,700	12,100	———	15,000	———	———	———
ALBUQUERQUE, N.M.	13,200	11,000	14,600	11,700	———	14,500	14,400	———	———	———
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	11,700	9,200	9,200	———	———	———	13,700	———	———	———
ALTOONA, PA.	9,000	———	———	———	———	———	———	———	———	———
AMARILLO, TEX.	10,800	9,500	———	11,400	———	———	10,800	———	———	———
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	13,400	9,300	10,700	———	11,200	———	14,800	———	———	———
ANDERSON, IND.	———	———	———	———	———	———	———	———	———	———
ANN ARBOR, MICH.	12,800	12,600	13,200	11,000	9,500	———	14,000	———	———	———
ASHEVILLE, N.C.	10,900	———	———	11,000	———	———	11,600	———	———	———
ATLANTA, GA.	11,600	10,800	13,000	12,000	11,500	———	12,000	———	———	———
ATLANTIC CITY, N.J.	12,100	———	———	———	———	———	———	———	———	———
AUGUSTA, GA.-S.C.	12,100	13,200	14,000	11,000	———	———	12,400	———	———	———
AUSTIN, TEX.	12,000	11,500	12,000	———	8,500	———	13,000	———	———	———
BAKERSFIELD, CALIF.	12,000	10,500	———	13,000	———	———	11,800	———	———	———
BALTIMORE, MD.	12,000	11,100	13,000	11,000	10,800	12,000	13,200	———	———	———
BATON ROUGE, LA.	12,200	11,500	12,600	10,600	———	———	14,000	———	———	———
BAY CITY, MICH.	9,400	———	———	———	———	———	———	———	———	———
BEAUMONT-PORT ARTHUR, TEX.	11,400	9,200	———	———	———	———	12,000	———	———	———
BILLINGS, MONT.	10,600	8,200	———	———	———	———	11,200	———	———	———
BINGHAMTON, N.Y.-PA.	12,500	10,000	———	———	———	———	13,400	———	———	———
BIRMINGHAM, ALA.	12,500	13,900	16,000	———	———	13,800	10,600	———	———	———
BLOOMINGTON-NORMAL, ILL.	11,800	11,400	14,300	———	———	———	15,000	———	———	———
BOISE CITY, IDAHO	9,900	8,200	———	10,500	8,500	———	———	———	———	———
BOSTON, MASS.	12,500	10,600	11,000	13,300	10,200	13,000	14,000	18,000	11,500	12,500
BRIDGEPORT, CONN.	10,200	9,200	———	———	———	———	12,000	———	———	———
BROCKTON, MASS.	10,000	9,400	———	———	———	———	———	———	———	———
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	9,900	———	———	———	———	———	———	———	———	———
BUFFALO, N.Y.	11,700	10,300	12,100	10,600	12,100	14,000	12,000	———	———	———
CANTON, OHIO	10,300	8,000	———	———	———	———	11,000	———	———	———
CEDAR RAPIDS, IOWA	10,600	9,400	———	———	———	———	11,600	———	———	———
CHAMPAIGN-URBANA, ILL.	12,200	12,300	12,400	11,000	12,300	———	———	———	———	———
CHARLESTON, S.C.	11,400	10,600	12,100	11,000	———	———	13,000	———	———	———
CHARLESTON, W.VA.	12,700	9,300	———	———	———	———	13,200	———	———	———
CHARLOTTE, N.C.	11,200	9,000	———	———	———	———	13,300	———	———	———
CHATTANOOGA, TENN.-GA.	10,800	7,200	———	———	———	———	12,400	———	———	———
CHICAGO, ILL.	12,000	11,500	12,500	12,500	10,500	13,500	12,500	20,000	11,500	14,800
CINCINNATI, OHIO-KY.-IND.	12,000	9,800	12,500	11,700	———	13,000	12,300	———	———	———
CLEVELAND, OHIO	12,000	10,800	13,000	12,500	10,400	14,500	12,500	23,000	———	———
COLORADO SPRINGS, COLO.	11,500	9,000	———	———	———	———	13,200	———	———	———
COLUMBIA, S.C.	10,200	10,000	13,000	———	———	———	———	———	———	———
COLUMBUS, GA.-ALA.	9,400	———	———	———	———	———	———	———	———	———
COLUMBUS, OHIO	11,800	11,300	12,000	11,100	9,400	12,600	12,800	———	———	———
CORPUS CHRISTI, TEX.	10,700	———	———	———	———	———	10,800	———	———	———
DALLAS, TEX.	12,600	11,500	14,000	10,000	———	10,500	13,200	15,000	———	———
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	10,300	8,600	———	11,100	———	———	12,000	———	———	———
DAYTON, OHIO	12,000	10,200	11,400	13,800	10,500	12,000	12,000	———	———	———
DECATUR, ILL.	12,500	———	———	———	———	———	13,000	———	———	———
DENVER, COLO.	12,000	10,500	13,000	12,500	10,000	12,300	12,300	12,000	———	———
DES MOINES, IOWA	11,000	9,400	———	———	10,000	———	13,000	———	———	———
DETROIT, MICH.	11,800	10,200	12,500	10,500	10,000	12,500	12,500	20,000	———	———
DUBUQUE, IOWA	8,000	8,000	———	———	———	———	———	———	———	———
DULUTH-SUPERIOR, MINN.-WIS.	9,300	8,800	———	———	———	———	11,000	———	———	———
DURHAM, N.C.	13,300	12,000	12,000	13,800	———	12,900	14,000	———	———	———
EL PASO, TEX.	10,200	10,000	———	———	———	———	11,300	———	———	———
ERIE, PA.	10,000	8,400	———	———	———	———	13,000	———	———	———
EUGENE, OREG.	10,500	11,500	12,000	8,300	———	———	10,000	———	———	———
EVANSVILLE, IND.-KY.	11,500	9,000	———	———	———	———	13,000	———	———	———
FALL RIVER, MASS.-R.I.	11,500	———	———	———	———	———	———	———	———	———
FARGO-MOORHEAD, N.DAK.-MINN.	10,100	9,900	11,400	11,000	———	———	———	———	———	———
FAYETTEVILLE, N.C.	———	———	———	———	———	———	———	———	———	———
FITCHBURG-LEOMINSTER, MASS.	11,100	———	———	———	———	———	12,000	———	———	———
FLINT, MICH.	10,500	10,400	10,800	———	———	———	11,000	———	———	———
FORT LAUDERDALE-HOLLYWOOD, FLA.	9,800	8,500	———	———	———	———	———	———	———	———
FORT SMITH, ARK.-OKLA.	———	———	———	———	———	———	———	———	———	———
FORT WAYNE, IND.	10,400	8,600	———	———	———	———	12,000	———	———	———
FORT WORTH, TEX.	12,000	10,300	11,800	12,000	———	———	12,800	———	———	———
FRESNO, CALIF.	10,600	10,400	10,500	10,200	10,400	———	12,000	———	———	———
GADSDEN, ALA.	———	———	———	———	———	———	———	———	———	———
GALVESTON-TEXAS CITY, TEX.	12,400	12,600	13,500	———	———	———	12,300	———	———	———
GARY-HAMMOND-EAST CHICAGO, IND.	13,000	9,000	———	———	———	———	14,500	———	———	———
GRAND RAPIDS, MICH.	9,900	8,500	8,700	———	———	———	12,000	———	———	———
GREAT FALLS, MONT.	11,400	———	———	———	———	———	———	———	———	———
GREEN BAY, WIS.	8,900	8,500	———	———	———	———	———	———	———	———
GREENSBORO-HIGH POINT, N.C.	10,000	9,000	———	———	———	———	12,500	———	———	———
GREENVILLE, S.C.	10,200	———	———	———	———	———	11,400	———	———	———
HAMILTON-MIDDLETOWN, OHIO	10,500	10,000	———	———	———	———	12,000	———	———	———
HARRISBURG, PA.	9,900	8,300	———	11,000	9,500	———	11,000	———	———	———
HARTFORD, CONN.	12,300	8,800	———	———	11,500	14,500	13,200	———	———	———
HONOLULU, HAWAII	12,000	12,000	12,500	11,700	12,000	13,400	13,000	———	———	———
HOUSTON, TEX.	12,500	12,100	14,000	11,000	———	13,000	12,800	15,000	———	———

Appendix Table A–35. Median annual salaries of full-time employed civilian scientists, by Standard Metropolitan Statistical Area and type of employer, 1966—Continued

LOCATION	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
STANDARD METROPOLITAN STATISTICAL AREAS – CONTINUED										
HUNTINGTON-ASHLAND, W.VA.-KY.-OHIO	9,600	9,000	———	———	———	———	9,800	———	———	———
HUNTSVILLE, ALA.	12,500	9,300	———	13,400	———	———	12,000	———	———	———
INDIANAPOLIS, IND.	12,000	9,800	12,000	10,700	9,400	———	13,000	———	———	———
JACKSON, MICH.	9,700	———	———	———	———	———	———	———	———	———
JACKSON, MISS.	11,000	10,500	13,800	10,800	———	———	11,600	———	———	———
JACKSONVILLE, FLA.	10,600	———	———	———	———	———	12,000	———	———	———
JERSEY CITY, N.J.	11,400	10,200	12,000	———	———	———	12,000	———	———	———
JOHNSTOWN, PA.	8,700	———	———	———	———	———	———	———	———	———
KALAMAZOO, MICH.	13,000	10,10[illegible]	13,700	———	———	———	14,000	———	———	———
KANSAS CITY, MO.-KANS.	11,500	10,000	12,500	11,400	———	12,000	12,000	———	———	———
KENOSHA, WIS.	8,400	———	———	———	———	———	———	———	———	———
KNOXVILLE, TENN.	13,000	10,500	11,500	13,000	9,800	14,000	14,000	———	———	———
LAFAYETTE, LA.	10,800	9,000	———	———	———	———	11,000	18,000	———	———
LAFAYETTE-WEST LAFAYETTE, IND.	13,000	13,400	14,000	———	———	———	———	———	———	———
LAKE CHARLES, LA.	10,500	———	———	———	———	———	10,800	———	———	———
LANCASTER, PA.	11,000	9,300	———	———	———	———	12,700	———	———	———
LANSING, MICH.	12,300	12,900	13,900	11,100	11,000	———	12,000	———	———	———
LAREDO, TEX.	———	———	———	———	———	———	———	———	———	———
LAS VEGAS, NEV.	11,000	8,900	———	11,000	———	———	12,000	———	———	———
LAWRENCE-HAVERHILL, MASS.-N.H.	10,500	8,600	———	———	———	———	13,000	———	———	———
LAWTON, OKLA.	———	———	———	———	———	———	———	———	———	———
LEWISTON-AUBURN, MAINE	———	———	———	———	———	———	———	———	———	———
LEXINGTON, KY.	12,000	11,700	13,000	12,500	———	———	12,300	———	———	———
LIMA, OHIO	9,500	———	———	———	———	———	———	———	———	———
LINCOLN, NEBR.	10,500	10,400	11,300	12,000	7,900	———	9,600	———	———	———
LITTLE ROCK-NORTH LITTLE ROCK, ARK.	11,200	12,000	13,500	11,100	8,000	———	12,800	———	———	———
LORAIN-ELYRIA, OHIO	10,800	10,000	———	———	———	———	11,600	———	———	———
LOS ANGELES-LONG BEACH, CALIF.	13,300	11,000	13,000	12,100	11,300	15,5[illegible]	14,800	20,000	11,200	13,800
LOUISVILLE, KY.-IND.	11,000	10,000	13,000	9,600	———	———	12,000	———	———	———
LOWELL, MASS.	11,600	10,000	———	———	———	———	12,800	———	———	———
LUBBOCK, TEX.	11,300	11,300	12,600	———	———	———	———	———	———	———
LYNCHBURG, VA.	10,500	9,200	———	———	———	———	12,700	———	———	———
MACON, GA.	9,200	———	———	———	———	———	———	———	———	———
MADISON, WIS.	12,000	12,000	12,600	11,000	10,300	11,000	11,700	———	———	———
MANCHESTER, N.H.	———	———	———	———	———	———	———	———	———	———
MANSFIELD, OHIO	———	———	———	———	———	———	———	———	———	———
MAYAGUEZ, P.R.	8,400	8,000	7,700	———	———	———	———	———	———	———
MCALLEN-PHARR-EDINBURG, TEX.	11,000	———	———	———	———	———	———	———	———	———
MEMPHIS, TENN.-ARK.	11,200	10,500	12,500	12,100	———	14,000	12,000	———	———	———
MERIDEN, CONN.	———	———	———	———	———	———	———	———	———	———
MIAMI, FLA.	10,800	10,300	11,000	11,400	———	———	12,500	———	———	———
MIDLAND, TEX.	11,500	———	———	———	———	———	11,400	14,500	———	———
MILWAUKEE, WIS.	11,000	10,300	12,400	12,800	10,800	11,000	11,700	———	———	———
MINNEAPOLIS-ST. PAUL, MINN.	12,000	11,200	12,200	11,300	9,700	12,500	13,000	———	———	———
MOBILE, ALA.	10,200	8,600	———	———	———	———	12,000	———	———	———
MONROE, LA.	9,600	9,500	———	———	———	———	10,500	———	———	———
MONTGOMERY, ALA.	9,800	———	———	———	———	———	———	———	———	———
MUNCIE, IND.	9,600	9,500	———	———	———	———	———	———	———	———
MUSKEGON-MUSKEGON HEIGHTS, MICH.	11,200	———	———	———	———	———	12,000	———	———	———
NASHVILLE, TENN.	11,000	11,000	12,000	11,700	8,200	———	12,000	———	———	———
NEW BEDFORD, MASS.	10,800	———	———	———	———	———	———	———	———	———
NEW BRITAIN, CONN.	9,600	9,400	———	———	———	———	———	———	———	———
NEW HAVEN, CONN.	11,500	10,500	10,500	10,800	12,000	———	13,200	———	———	———
NEW LONDON-GROTON-NORWICH, CONN.	12,500	10,000	———	11,300	———	———	13,400	———	———	———
NEW ORLEANS, LA.	11,500	10,800	12,500	11,700	———	———	12,000	———	———	———
NEW YORK, N.Y.	13,000	11,000	11,800	12,000	11,000	12,500	15,000	20,000	12,500	13,000
NEWARK, N.J.	13,200	9,800	10,700	12,100	8,800	10,400	14,000	20,000	———	———
NEWPORT NEWS-HAMPTON, VA.	10,500	6,800	———	11,000	———	———	———	———	———	———
NORFOLK-PORTSMOUTH, VA.	10,000	8,300	———	11,300	———	———	13,200	———	———	———
NORWALK, CONN.	13,500	———	———	———	———	———	14,000	———	———	———
ODESSA, TEX.	9,600	———	———	———	———	———	11,000	———	———	———
OGDEN, UTAH	10,500	8,300	———	11,700	———	———	———	———	———	———
OKLAHOMA CITY, OKLA.	11,500	10,900	12,300	12,500	———	———	11,900	15,000	———	———
OMAHA, NEBR.-IOWA	11,300	10,500	13,000	13,200	———	———	12,000	———	———	———
ORLANDO, FLA.	12,000	8,500	———	11,700	———	———	14,500	———	———	———
OXNARD-VENTURA, CALIF.	———	———	———	———	———	———	———	———	———	———
PATERSON-CLIFTON-PASSAIC, N.J.	12,500	9,200	———	———	———	———	13,200	———	———	———
PENSACOLA, FLA.	10,700	———	———	———	———	———	10,600	———	———	———
PEORIA, ILL.	11,400	9,800	10,500	12,000	———	———	11,200	———	———	———
PHILADELPHIA, PA.-N.J.	12,200	10,500	12,500	12,000	10,500	12,000	13,200	20,000	10,900	———
PHOENIX, ARIZ.	11,000	10,000	11,700	11,700	9,100	———	12,500	———	———	———
PINE BLUFF, ARK.	10,000	———	———	———	———	———	———	———	———	———
PITTSBURGH, PA.	12,500	10,800	12,100	12,000	9,000	12,000	13,500	———	———	———
PITTSFIELD, MASS.	12,000	———	———	———	———	———	12,600	———	———	———
PONCE, P.R.	———	———	———	———	———	———	———	———	———	———
PORTLAND, MAINE	9,400	———	———	———	———	———	12,000	———	———	———
PORTLAND, OREG.-WASH.	11,000	9,900	12,500	11,700	9,700	14,000	11,400	———	———	———
PROVIDENCE-PAWTUCKET-WARWICK, R.I.-MASS.	10,800	9,700	10,000	———	———	12,500	12,600	———	———	———
PROVO-OREM, UTAH	9,400	9,200	———	———	———	———	———	———	———	———
PUEBLO, COLO.	9,200	8,500	———	———	———	———	———	———	———	———
RACINE, WIS.	12,000	———	———	———	———	———	12,500	———	———	———
RALEIGH, N.C.	11,600	11,900	12,200	11,700	10,000	———	12,000	———	———	———
READING, PA.	10,200	8,800	———	———	———	———	11,500	———	———	———
RENO, NEV.	11,000	11,100	12,500	———	———	———	———	———	———	———
RICHMOND, VA.	11,700	10,500	12,000	———	8,800	———	12,500	———	———	———
ROANOKE, VA.	10,800	9,000	———	———	———	———	———	———	———	———

Appendix Table A–35. Median annual salaries of full-time employed civilian scientists, by Standard Metropolitan Statistical Area and type of employer, 1966—Continued

LOCATION	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS		FEDERAL GOVERNMENT	OTHER GOVERNMENT	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
		ACADEMIC YEAR	CALENDAR YEAR							
STANDARD METROPOLITAN STATISTICAL AREAS – CONTINUED										
ROCHESTER, N.Y.	13,000	10,500	12,000	———	———	———	13,700	———	———	———
ROCKFORD, ILL.	10,500	———	———	———	———	———	11,500	———	———	———
SACRAMENTO, CALIF.	11,800	11,300	13,200	10,200	12,000	———	13,000	———	———	———
SAGINAW, MICH.	9,200	———	———	———	———	———	———	———	———	———
ST. JOSEPH, MO.	———	———	———	———	———	———	———	———	———	———
ST. LOUIS, MO.–ILL.	12,300	11,000	12,800	10,200	9,700	12,000	13,200	———	———	———
SALEM, OREG.	9,800	9,500	———	———	9,700	———	———	———	———	———
SALINAS–MONTEREY, CALIF.	12,200	11,500	12,000	12,300	———	———	13,800	———	———	———
SALT LAKE CITY, UTAH	11,500	11,000	12,800	11,700	9,100	———	11,600	———	———	———
SAN ANGELO, TEX.	———	———	———	———	———	———	———	———	———	———
SAN ANTONIO, TEX.	11,000	8,200	10,000	11,700	———	12,000	11,800	———	———	———
SAN BERNARDINO–RIVERSIDE–ONTARIO, CALIF.	11,700	11,000	12,500	11,700	12,000	18,000	12,100	———	———	———
SAN DIEGO, CALIF.	12,000	10,700	11,600	11,700	11,400	11,000	14,000	———	———	———
SAN FRANCISCO–OAKLAND, CALIF.	13,000	12,000	12,300	12,500	12,100	14,300	13,800	18,000	———	13,800
SAN JOSE, CALIF.	13,300	12,000	12,700	13,600	12,000	12,600	14,400	———	———	———
SAN JUAN, P.R.	9,600	8,900	9,200	11,400	———	———	———	———	———	———
SANTA BARBARA, CALIF.	12,500	10,200	8,600	———	———	———	15,000	———	———	———
SAVANNAH, GA.	10,500	———	———	10,200	———	———	11,400	———	———	———
SCRANTON, PA.	8,800	8,300	———	———	———	———	———	———	———	———
SEATTLE–EVERETT, WASH.	11,500	10,800	12,000	10,600	9,200	10,000	12,400	———	———	———
SHREVEPORT, LA.	11,000	———	———	———	———	———	11,500	———	———	———
SIOUX CITY, IOWA–NEB.	8,400	———	———	———	———	———	———	———	———	———
SIOUX FALLS, S.DAK.	8,400	———	———	———	———	———	———	———	———	———
SOUTH BEND, IND.	10,000	10,000	10,000	———	———	———	10,500	———	———	———
SPOKANE, WASH.	10,000	9,000	———	———	———	———	13,500	———	———	———
SPRINGFIELD, ILL.	10,300	———	———	———	10,700	———	———	———	———	———
SPRINGFIELD, MO.	9,500	9,000	———	———	———	———	———	———	———	———
SPRINGFIELD, OHIO	10,300	9,800	———	———	———	———	———	———	———	———
SPRINGFIELD–CHICOPEE–HOLYOKE, MASS.–CONN.	11,500	9,000	9,000	———	———	———	13,000	———	———	———
STAMFORD, CONN.	13,700	9,000	———	———	———	———	14,000	———	———	———
STEUBENVILLE–WEIRTON, OHIO–W.VA.	9,500	———	———	———	———	———	10,500	———	———	———
STOCKTON, CALIF.	10,000	9,300	———	———	———	———	———	———	———	———
SYRACUSE, N.Y.	12,000	11,200	13,500	———	———	———	12,800	———	———	———
TACOMA, WASH.	10,000	9,200	———	10,500	———	———	10,800	———	———	———
TALLAHASSEE, FLA.	11,000	11,200	12,200	———	9,400	———	———	———	———	———
TAMPA–ST. PETERSBURG, FLA.	10,200	9,700	12,000	10,600	———	———	11,700	———	———	———
TERRE HAUTE, IND.	11,000	10,800	13,000	———	———	———	11,000	———	———	———
TEXARKANA, TEX.–ARK.	———	———	———	———	———	———	———	———	———	———
TOLEDO, OHIO–MICH.	11,000	10,300	12,800	———	———	———	12,000	———	———	———
TOPEKA, KANS.	10,200	8,000	———	———	9,500	14,200	———	———	———	———
TRENTON, N.J.	13,100	10,000	9,900	———	10,000	13,000	14,900	———	———	———
TUCSON, ARIZ.	11,000	11,000	12,000	11,700	———	14,000	10,800	———	———	———
TULSA, OKLA.	12,000	9,100	———	———	———	———	12,300	———	———	———
TUSCALOOSA, ALA.	10,600	10,800	———	———	———	———	———	———	———	———
TYLER, TEX.	11,200	———	———	———	———	———	11,200	———	———	———
UTICA–ROME, N.Y.	10,000	8,300	———	12,000	———	———	10,400	———	———	———
VALLEJO–NAPA, CALIF.	10,800	8,400	———	11,800	12,100	———	———	———	———	———
WACO, TEX.	11,000	10,000	———	———	———	———	———	———	———	———
WASHINGTON, D.C.–MD.–VA.	13,900	11,000	12,500	14,000	13,500	15,500	14,500	20,000	14,200	14,300
WATERBURY, CONN.	11,600	———	———	———	———	———	12,000	———	———	———
WATERLOO, IOWA	9,500	9,100	———	———	———	———	———	———	———	———
WEST PALM BEACH, FLA.	11,500	11,000	12,600	———	———	———	11,500	———	———	———
WHEELING, W.VA.–OHIO	8,900	———	———	———	———	———	———	———	———	———
WICHITA, KANS.	10,400	8,500	———	———	———	———	11,000	12,000	———	———
WICHITA FALLS, TEX.	9,500	———	———	———	———	———	———	———	———	———
WILKES–BARRE–HAZLETON, PA.	8,800	8,500	———	———	———	———	———	———	———	———
WILMINGTON, DEL.–N.J.–MD.	14,400	10,500	10,500	———	———	———	14,800	———	———	———
WILMINGTON, N.C.	8,300	———	———	———	———	———	———	———	———	———
WINSTON SALEM, N.C.	11,300	10,000	10,500	———	———	———	13,000	———	———	———
WORCESTER, MASS.	10,500	9,600	———	———	———	10,500	14,500	———	———	———
YORK, PA.	10,000	8,400	———	———	———	———	11,400	———	———	———
YOUNGSTOWN–WARREN, OHIO	9,500	8,800	———	———	———	———	11,500	———	———	———
OTHER LOCATIONS	10,800	10,000	12,000	10,600	8,600	12,000	12,000	12,500	11,000	10,000

NOTE – NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–36. Median annual salaries of full-time employed civilian scientists, by Standard Metropolitan Statistical Area and primary work activity, 1966

LOCATION	TOTAL	PRIMARY WORK ACTIVITY									NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRODUCTION AND INSPECTION	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR			
ALL LOCATIONS	12,000	12,000	12,000	12,100	15,600	16,800	9,300	11,500	10,500	11,500	12,000
STANDARD METROPOLITAN STATISTICAL AREAS	12,200	12,000	12,000	12,500	16,000	17,000	9,500	11,900	10,800	11,700	12,000
ABILENE, TEX.	9,000	———	———	———	———	———	———	———	———	10,000	———
AKRON, OHIO	12,000	11,400	12,000	11,600	16,000	15,800	10,000	———	10,800	10,300	13,200
ALBANY, GA.	———	———	———	———	———	———	———	———	———	———	———
ALBANY-SCHENECTADY-TROY, N.Y.	13,000	13,300	14,000	13,300	17,000	18,000	10,000	10,600	10,000	11,700	11,300
ALBUQUERQUE, N.M.	13,200	13,800	14,400	13,500	16,500	18,300	9,500	———	———	12,000	———
ALLENTOWN-BETHLEHEM-EASTON, PA.-N.J.	11,700	12,000	12,300	12,200	15,500	16,500	9,000	———	11,200	11,300	———
ALTOONA, PA.	9,000	———	———	———	———	———	———	———	———	———	———
AMARILLO, TEX.	10,800	11,000	———	———	12,900	———	9,000	———	———	10,700	———
ANAHEIM-SANTA ANA-GARDEN GROVE, CALIF.	13,400	13,400	12,500	14,000	17,000	18,100	9,100	———	12,000	12,200	17,400
ANDERSON, IND.	———	———	———	———	———	———	———	———	———	———	———
ANN ARBOR, MICH.	12,800	12,000	12,000	12,500	18,000	18,000	12,000	15,000	———	10,800	13,000
ASHEVILLE, N.C.	10,900	11,000	———	———	12,500	———	———	———	———	———	———
ATLANTA, GA.	11,600	11,500	11,800	11,600	14,300	15,000	10,000	11,300	10,300	11,000	12,000
ATLANTIC CITY, N.J.	12,100	———	———	———	———	———	———	———	———	———	———
AUGUSTA, GA.-S.C.	12,100	12,100	13,200	12,100	15,000	15,500	———	———	11,300	———	———
AUSTIN, TEX.	12,000	10,500	10,500	10,200	14,400	15,000	12,000	———	———	10,000	———
BAKERSFIELD, CALIF.	12,000	12,500	13,000	11,800	15,000	15,600	10,000	———	10,400	11,500	———
BALTIMORE, MD.	12,000	12,000	12,000	12,000	15,200	17,000	9,200	14,000	9,500	11,000	13,000
BATON ROUGE, LA.	12,200	12,000	11,400	12,600	17,000	17,300	10,000	12,800	11,300	13,200	———
BAY CITY, MICH.	9,400	———	———	———	———	———	———	———	———	———	———
BEAUMONT-PORT ARTHUR, TEX.	11,400	11,000	———	12,600	14,900	———	9,000	———	10,800	11,300	———
BILLINGS, MONT.	10,600	———	———	———	———	———	———	———	———	11,300	———
BINGHAMTON, N.Y.-PA.	12,500	13,100	———	13,500	15,600	16,500	9,900	———	10,100	———	———
BIRMINGHAM, ALA.	12,500	13,800	14,400	13,200	17,500	———	8,900	13,500	10,200	———	———
BLOOMINGTON-NORMAL, ILL.	11,800	———	———	———	16,800	———	9,400	———	———	———	———
BOISE CITY, IDAHO	9,900	———	———	———	9,800	———	———	———	———	———	———
BOSTON, MASS.	12,500	12,000	11,700	13,000	16,800	17,200	10,000	10,800	11,000	12,000	13,800
BRIDGEPORT, CONN.	10,200	9,800	———	———	13,500	13,500	8,700	———	12,000	———	———
BROCKTON, MASS.	10,000	———	———	———	———	———	———	———	———	———	———
BROWNSVILLE-HARLINGEN-SAN BENITO, TEX.	9,900	———	———	———	———	———	———	———	———	———	———
BUFFALO, N.Y.	11,700	12,000	12,000	12,100	15,500	16,000	9,400	12,100	10,000	11,200	11,500
CANTON, OHIO	10,300	10,800	———	———	———	———	———	———	———	———	———
CEDAR RAPIDS, IOWA	10,600	———	———	———	———	———	9,000	———	———	———	———
CHAMPAIGN-URBANA, ILL.	12,200	11,400	11,000	12,000	17,800	18,300	11,900	13,700	———	12,100	12,300
CHARLESTON, S.C.	11,400	———	———	———	12,500	———	9,100	———	———	———	———
CHARLESTON, W.VA.	12,700	12,700	13,700	13,400	16,400	18,800	———	———	10,000	11,000	———
CHARLOTTE, N.C.	11,200	10,200	———	———	16,300	16,300	9,000	———	11,200	———	———
CHATTANOOGA, TENN.-GA.	10,800	10,600	———	———	15,000	———	———	———	10,000	———	———
CHICAGO, ILL.	12,000	12,000	12,500	11,800	16,100	16,500	9,500	12,000	10,800	12,000	12,000
CINCINNATI, OHIO-KY.-IND.	12,000	11,000	12,600	11,000	15,500	16,000	8,500	11,600	10,200	11,000	12,000
CLEVELAND, OHIO	12,000	11,700	12,500	11,900	16,000	16,200	8,500	12,000	10,900	12,000	12,100
COLORADO SPRINGS, COLO.	11,500	12,000	———	13,200	17,100	———	8,800	———	———	———	———
COLUMBIA, S.C.	10,200	10,800	———	———	12,500	———	9,500	———	———	———	———
COLUMBUS, GA.-ALA.	9,400	———	———	———	———	———	———	———	———	———	———
COLUMBUS, OHIO	11,800	11,300	11,000	11,400	15,300	16,700	10,500	12,000	10,200	10,000	12,300
CORPUS CHRISTI, TEX.	10,700	11,900	———	12,500	13,500	14,700	———	———	9,700	10,600	———
DALLAS, TEX.	12,600	12,600	13,700	12,600	16,500	18,000	9,500	13,600	9,900	12,000	13,500
DAVENPORT-ROCK ISLAND-MOLINE, IOWA-ILL.	10,300	10,800	———	10,600	14,000	———	8,500	———	———	———	———
DAYTON, OHIO	12,000	12,000	12,900	11,700	15,000	15,500	9,300	10,900	9,600	11,500	13,000
DECATUR, ILL.	12,500	11,800	———	———	17,500	———	———	———	———	———	———
DENVER, COLO.	12,000	12,000	12,500	11,700	14,800	15,500	9,800	12,300	10,000	11,700	12,000
DES MOINES, IOWA	11,000	9,900	———	———	15,000	———	9,000	———	———	10,400	———
DETROIT, MICH.	11,800	11,500	12,300	11,400	15,000	16,500	9,800	12,300	10,000	11,700	12,000
DUBUQUE, IOWA	8,000	———	———	———	———	———	———	———	———	———	———
DULUTH-SUPERIOR, MINN.-WIS.	9,300	———	———	———	11,600	———	8,600	———	———	———	———
DURHAM, N.C.	13,300	12,800	11,600	13,700	17,400	17,600	11,500	13,400	———	———	———
EL PASO, TEX.	10,200	10,500	———	———	14,000	———	9,500	———	———	———	———
ERIE, PA.	10,000	12,000	———	———	———	———	8,000	———	———	———	———
EUGENE, OREG.	10,500	10,100	9,800	———	10,600	———	10,700	———	———	———	———
EVANSVILLE, IND.-KY.	11,500	11,400	———	9,500	16,800	———	———	———	———	11,000	———
FALL RIVER, MASS.-R.I.	11,500	———	———	———	———	———	———	———	———	———	———
FARGO-MOORHEAD, N.DAK.-MINN.	10,100	10,600	10,600	10,600	13,700	———	8,700	———	———	———	———
FAYETTEVILLE, N.C.	———	———	———	———	———	———	———	———	———	———	———
FITCHBURG-LEOMINSTER, MASS.	11,100	———	———	———	———	———	———	———	———	———	———
FLINT, MICH.	10,500	———	———	———	———	———	9,700	10,600	———	———	———
FORT LAUDERDALE-HOLLYWOOD, FLA.	9,800	———	———	———	———	———	———	———	———	———	———
FORT SMITH, ARK.-OKLA.	———	———	———	———	———	———	———	———	———	———	———
FORT WAYNE, IND.	10,400	11,500	———	———	16,000	———	8,300	———	———	———	———
FORT WORTH, TEX.	12,000	12,200	———	12,600	15,000	16,000	10,000	11,800	10,000	11,300	———
FRESNO, CALIF.	10,600	10,600	———	11,000	12,000	———	9,800	———	———	———	———
GADSDEN, ALA.	———	———	———	———	———	———	———	———	———	———	———
GALVESTON-TEXAS CITY, TEX.	12,400	12,000	12,300	12,000	15,200	———	———	14,800	10,800	———	———
GARY-HAMMOND-EAST CHICAGO, IND.	13,000	15,000	———	15,500	18,000	18,700	8,400	———	11,200	15,000	———
GRAND RAPIDS, MICH.	9,900	10,000	———	———	13,100	———	8,800	———	———	———	———
GREAT FALLS, MONT.	11,400	———	———	———	———	———	———	———	———	———	———
GREEN BAY, WIS.	8,900	———	———	———	———	———	———	———	———	———	———
GREENSBORO-HIGH POINT, N.C.	10,000	———	———	———	15,500	———	9,000	———	———	———	———
GREENVILLE, S.C.	10,200	———	———	———	———	———	———	———	———	———	———
HAMILTON-MIDDLETOWN, OHIO	10,500	12,000	———	———	———	———	10,000	———	———	———	———
HARRISBURG, PA.	9,900	9,900	———	9,600	11,500	12,100	8,000	———	———	9,500	———

Appendix Table A–36. Median annual salaries of full-time employed civilian scientists, by Standard Metropolitan Statistical Area and primary work activity, 1966—Continued

LOCATION	TOTAL	PRIMARY WORK ACTIVITY									NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRODUCTION AND INSPECTION	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR			
STANDARD METROPOLITAN STATISTICAL AREAS – CONTINUED											
HARTFORD, CONN.	12,300	12,000	13,000	12,500	16,000	16,500	8,600	———	11,000	12,000	———
HONOLULU, HAWAII	12,000	11,700	11,000	12,000	14,900	17,000	11,000	10,000	9,400	12,000	———
HOUSTON, TEX.	12,500	12,300	12,000	12,800	16,000	15,500	11,000	14,100	10,200	12,000	13,000
HUNTINGTON–ASHLAND, W.VA.–KY.–OHIO	9,600	———	———	———	12,000	———	8,500	———	9,600	———	———
HUNTSVILLE, ALA.	12,500	11,700	13,000	11,700	15,000	15,200	———	———	11,100	12,000	———
INDIANAPOLIS, IND.	12,000	12,200	13,000	12,000	15,000	17,000	8,000	12,500	10,500	10,500	12,000
JACKSON, MICH.	9,700	———	———	———	———	———	———	———	———	———	———
JACKSON, MISS.	11,000	11,700	11,000	———	12,500	———	7,200	———	———	11,000	———
JACKSONVILLE, FLA.	10,600	———	———	———	13,000	———	———	———	———	———	———
JERSEY CITY, N.J.	11,400	10,700	10,000	11,000	16,000	16,000	9,200	———	11,000	———	———
JOHNSTOWN, PA.	8,700	———	———	———	———	———	———	———	———	———	———
KALAMAZOO, MICH.	13,000	13,000	13,200	12,500	18,000	19,500	9,800	———	———	———	———
KANSAS CITY, MO.–KANS.	11,500	11,000	11,800	11,600	14,500	16,000	8,500	11,800	9,400	12,100	10,300
KENOSHA, WIS.	8,400	———	———	———	———	———	———	———	———	———	———
KNOXVILLE, TENN.	13,000	13,400	14,000	12,600	16,000	17,000	9,600	11,300	11,000	10,700	12,000
LAFAYETTE, LA.	10,800	———	———	———	14,000	———	8,200	———	10,000	11,000	———
LAFAYETTE–WEST LAFAYETTE, IND.	13,000	12,500	12,200	12,500	18,000	———	11,000	14,600	———	———	———
LAKE CHARLES, LA.	10,500	———	———	———	13,000	———	———	———	10,000	———	———
LANCASTER, PA.	11,000	12,000	———	11,000	15,800	16,000	9,300	———	9,000	———	———
LANSING, MICH.	12,300	11,700	11,000	12,500	15,500	16,000	11,500	14,000	———	11,400	11,100
LAREDO, TEX.	———	———	———	———	———	———	———	———	———	———	———
LAS VEGAS, NEV.	11,000	10,700	———	11,000	13,400	13,800	———	———	———	———	———
LAWRENCE–HAVERHILL, MASS.–N.H.	10,500	———	———	———	———	———	8,300	———	———	———	———
LAWTON, OKLA.	———	———	———	———	———	———	———	———	———	———	———
LEWISTON–AUBURN, MAINE	———	———	———	———	———	———	———	———	———	———	———
LEXINGTON, KY.	12,000	12,000	12,000	12,000	16,000	16,300	10,600	13,000	———	12,000	———
LIMA, OHIO	9,500	———	———	———	———	———	———	———	———	———	———
LINCOLN, NEBR.	10,500	11,000	11,000	11,400	12,000	14,000	9,300	11,000	———	9,700	———
LITTLE ROCK–NORTH LITTLE ROCK, ARK.	11,200	11,700	———	———	13,300	———	———	13,000	———	10,600	———
LORAIN–ELYRIA, OHIO	10,800	10,400	———	———	15,000	———	9,800	———	———	———	———
LOS ANGELES–LONG BEACH, CALIF.	13,300	13,500	12,600	14,400	17,500	18,700	10,000	12,000	11,500	12,500	13,500
LOUISVILLE, KY.–IND.	11,000	11,200	12,900	11,700	15,000	15,300	8,000	11,000	9,600	9,500	———
LOWELL, MASS.	11,600	12,400	———	———	———	———	9,700	———	———	———	———
LUBBOCK, TEX.	11,300	———	———	———	———	———	10,500	———	———	———	———
LYNCHBURG, VA.	10,500	———	———	———	———	———	———	———	———	———	———
MACON, GA.	9,200	———	———	———	———	———	———	———	———	———	———
MADISON, WIS.	12,000	11,000	10,700	12,000	13,700	15,000	11,500	13,500	8,600	10,900	14,000
MANCHESTER, N.H.	———	———	———	———	———	———	———	———	———	———	———
MANSFIELD, OHIO	———	———	———	———	———	———	———	———	———	———	———
MAYAGUEZ, P.R.	8,400	———	———	———	———	———	———	———	———	———	———
MCALLEN–PHARR–EDINBURG, TEX.	11,000	———	———	———	———	———	———	———	———	———	———
MEMPHIS, TENN.–ARK.	11,200	11,100	11,000	13,400	15,000	16,300	8,700	———	9,600	10,800	———
MERIDEN, CONN.	———	———	———	———	———	———	———	———	———	———	———
MIAMI, FLA.	10,800	10,600	11,000	10,200	15,000	15,000	9,000	10,300	9,300	11,700	———
MIDLAND, TEX.	11,500	10,800	———	———	15,000	———	———	———	10,600	10,900	———
MILWAUKEE, WIS.	11,000	10,800	11,600	10,000	14,300	15,000	9,700	12,000	10,000	11,500	11,000
MINNEAPOLIS–ST. PAUL, MINN.	12,000	11,800	11,700	12,000	15,600	16,200	10,000	13,300	10,500	11,300	12,000
MOBILE, ALA.	10,200	———	———	———	13,500	———	———	———	10,200	———	———
MONROE, LA.	9,600	———	———	———	———	———	9,200	———	———	———	———
MONTGOMERY, ALA.	9,800	———	———	———	11,400	———	———	———	———	———	———
MUNCIE, IND.	9,600	———	———	———	———	———	9,100	———	———	———	———
MUSKEGON–MUSKEGON HEIGHTS, MICH.	11,200	———	———	———	———	———	———	———	———	———	———
NASHVILLE, TENN.	11,000	11,000	10,900	12,000	13,500	13,600	10,000	11,500	9,600	9,500	———
NEW BEDFORD, MASS.	10,800	———	———	———	———	———	———	———	———	———	———
NEW BRITAIN, CONN.	9,600	———	———	———	———	———	———	———	———	———	———
NEW HAVEN, CONN.	11,500	11,000	10,500	12,000	16,800	17,400	9,900	15,000	———	10,800	11,000
NEW LONDON–GROTON–NORWICH, CONN.	12,500	12,000	12,700	12,300	15,400	15,700	10,100	———	11,600	———	———
NEW ORLEANS, LA.	11,500	10,800	11,500	10,700	14,500	14,300	9,400	12,500	9,900	11,500	12,000
NEW YORK, N.Y.	13,000	12,200	12,000	12,600	18,000	18,700	10,200	10,500	12,200	12,700	13,000
NEWARK, N.J.	13,200	13,000	13,900	12,900	17,500	18,000	9,000	10,000	11,300	12,300	13,200
NEWPORT NEWS–HAMPTON, VA.	10,500	10,600	11,000	9,700	13,400	———	———	———	———	———	———
NORFOLK–PORTSMOUTH, VA.	10,000	12,000	———	11,700	13,400	———	8,300	———	———	———	———
NORWALK, CONN.	13,500	12,600	———	11,600	18,000	18,000	———	———	———	———	———
ODESSA, TEX.	9,600	———	———	———	———	———	———	———	———	———	———
OGDEN, UTAH	10,500	———	———	———	13,000	———	8,100	———	———	———	———
OKLAHOMA CITY, OKLA.	11,500	11,400	11,500	12,000	15,000	14,500	9,400	12,000	10,800	11,000	12,000
OMAHA, NEBR.–IOWA	11,300	12,600	13,500	———	13,500	———	8,700	11,000	9,600	12,000	———
ORLANDO, FLA.	12,000	12,200	———	12,700	16,200	18,000	———	———	———	———	———
OXNARD–VENTURA, CALIF.	———	———	———	———	———	———	———	———	———	———	———
PATERSON–CLIFTON–PASSAIC, N.J.	12,500	12,000	12,500	12,000	16,600	17,000	9,000	———	11,400	11,400	13,300
PENSACOLA, FLA.	10,700	10,000	———	———	14,700	———	———	———	10,000	———	———
PEORIA, ILL.	11,400	11,200	11,000	12,600	15,300	16,000	———	10,500	8,200	———	———
PHILADELPHIA, PA.–N.J.	12,200	12,000	12,000	12,500	17,000	17,600	8,800	12,400	10,800	12,000	11,800
PHOENIX, ARIZ.	11,000	11,500	11,000	11,300	13,500	13,000	9,700	———	11,000	11,700	———
PINE BLUFF, ARK.	10,000	———	———	———	———	———	———	———	———	———	———
PITTSBURGH, PA.	12,500	12,000	12,300	12,600	16,600	17,100	9,000	12,000	11,300	12,000	12,000
PITTSFIELD, MASS.	12,000	12,500	———	———	———	———	———	———	———	———	———
PONCE, P.R.	———	———	———	———	———	———	———	———	———	———	———
PORTLAND, MAINE	9,400	———	———	———	———	———	———	———	———	———	———
PORTLAND, OREG.–WASH.	11,000	11,300	12,000	11,100	12,500	13,000	9,000	12,600	10,000	11,500	———
PROVIDENCE–PAWTUCKET–WARWICK, R.I.–MASS.	10,800	10,000	10,000	9,700	14,000	14,000	8,800	10,500	11,300	11,000	12,400
PROVO–OREM, UTAH	9,400	———	———	———	———	———	9,100	———	———	———	———
PUEBLO, COLO.	9,200	———	———	———	———	———	———	———	———	———	———
RACINE, WIS.	12,000	11,000	———	———	15,100	———	———	———	———	———	———

Appendix Table A–36. Median annual salaries of full-time employed civilian scientists, by Standard Metropolitan Statistical Area and primary work activity, 1966—Continued

LOCATION	TOTAL	PRIMARY WORK ACTIVITY									NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING		PRODUCTION AND INSPECTION	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D	ACADEMIC YEAR	CALENDAR YEAR			
STANDARD METROPOLITAN STATISTICAL AREAS – CONTINUED											
RALEIGH, N.C.	11,600	12,000	12,000	11,900	14,000	16,000	10,000	11,500	8,400	10,500	-------
READING, PA.	10,200	10,600	-------	-------	13,300	-------	8,400	-------	8,900	-------	-------
RENO, NEV.	11,000	11,300	12,500	11,100	13,000	-------	9,400	-------	-------	-------	-------
RICHMOND, VA.	11,700	11,500	11,000	12,200	15,500	15,700	9,000	11,500	9,600	9,900	-------
ROANOKE, VA.	10,800	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ROCHESTER, N.Y.	13,000	12,800	13,000	12,700	17,300	18,900	9,500	12,000	11,100	12,000	14,500
ROCKFORD, ILL.	10,500	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
SACRAMENTO, CALIF.	11,800	11,500	11,300	12,100	14,000	16,000	9,600	12,800	9,900	10,500	12,000
SAGINAW, MICH.	9,200	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ST. JOSEPH, MO.	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
ST. LOUIS, MO.-ILL.	12,300	12,600	13,000	12,300	16,000	17,000	9,100	12,000	10,000	11,000	10,200
SALEM, OREG.	9,800	-------	-------	-------	10,600	-------	8,800	-------	-------	-------	-------
SALINAS-MONTEREY, CALIF.	12,200	13,500	15,600	12,800	16,700	18,000	10,900	-------	10,000	11,200	-------
SALT LAKE CITY, UTAH	11,500	11,100	10,500	10,800	13,800	15,000	10,200	-------	10,000	10,500	-------
SAN ANGELO, TEX.	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
SAN ANTONIO, TEX.	11,000	11,000	10,600	11,300	14,000	16,700	7,300	9,700	-------	11,000	-------
SAN BERNARDINO-RIVERSIDE-ONTARIO, CALIF.	11,700	11,700	11,300	12,300	15,000	17,000	9,700	10,100	10,800	11,400	12,500
SAN DIEGO, CALIF.	12,000	12,000	11,500	12,500	16,000	17,000	10,000	10,000	10,200	11,600	9,500
SAN FRANCISCO-OAKLAND, CALIF.	13,000	12,600	12,500	13,000	16,800	18,000	10,800	12,000	10,800	12,500	12,800
SAN JOSE, CALIF.	13,300	13,000	13,000	13,500	17,000	18,000	11,500	15,000	12,000	12,500	12,000
SAN JUAN, P.R.	9,600	9,600	-------	-------	13,600	-------	-------	8,300	-------	-------	-------
SANTA BARBARA, CALIF.	12,500	12,500	10,500	14,900	17,200	18,200	10,200	-------	-------	12,500	-------
SAVANNAH, GA.	10,500	10,300	-------	-------	12,000	-------	-------	-------	-------	-------	-------
SCRANTON, PA.	8,800	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
SEATTLE-EVERETT, WASH.	11,500	11,100	10,500	11,400	14,800	15,900	10,000	13,600	9,900	11,400	11,000
SHREVEPORT, LA.	11,000	-------	-------	-------	14,400	-------	-------	-------	-------	10,500	-------
SIOUX CITY, IOWA-NEB.	8,400	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
SIOUX FALLS, S.DAK.	8,400	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
SOUTH BEND, IND.	10,000	9,500	9,500	-------	13,000	-------	9,500	-------	-------	-------	-------
SPOKANE, WASH.	10,000	-------	-------	-------	12,000	-------	8,700	-------	-------	10,000	-------
SPRINGFIELD, ILL.	10,300	-------	-------	-------	13,500	-------	-------	-------	-------	-------	-------
SPRINGFIELD, MO.	9,500	-------	-------	-------	-------	-------	8,500	-------	-------	-------	-------
SPRINGFIELD, OHIO	10,300	-------	-------	-------	-------	-------	10,100	-------	-------	-------	-------
SPRINGFIELD-CHICOPEE-HOLYOKE, MASS.-CONN.	11,500	12,600	-------	13,000	15,700	16,500	9,200	8,800	11,000	10,600	-------
STAMFORD, CONN.	13,700	13,000	12,900	13,500	17,400	17,500	-------	-------	9,600	12,000	-------
STEUBENVILLE-WEIRTON, OHIO-W.VA.	9,500	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
STOCKTON, CALIF.	10,000	-------	-------	-------	-------	-------	8,700	-------	-------	-------	-------
SYRACUSE, N.Y.	12,000	12,000	12,000	12,400	15,200	15,900	10,000	13,000	11,200	12,000	11,500
TACOMA, WASH.	10,000	10,500	-------	10,500	12,600	-------	9,000	-------	9,000	9,600	-------
TALLAHASSEE, FLA.	11,000	10,300	9,900	-------	12,500	-------	10,800	12,700	-------	-------	-------
TAMPA-ST. PETERSBURG, FLA.	10,200	10,600	-------	-------	12,500	-------	9,000	-------	-------	10,300	-------
TERRE HAUTE, IND.	11,000	11,000	-------	-------	13,300	-------	10,300	-------	-------	-------	-------
TEXARKANA, TEX.-ARK.	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
TOLEDO, OHIO-MICH.	11,000	10,800	12,000	11,400	15,000	15,200	10,000	-------	9,200	10,800	-------
TOPEKA, KANS.	10,200	11,700	-------	-------	12,000	-------	8,200	-------	-------	12,000	-------
TRENTON, N.J.	13,100	12,600	12,100	13,500	16,600	18,000	10,500	-------	12,000	12,000	13,500
TUCSON, ARIZ.	11,000	10,600	10,200	11,000	13,000	15,000	9,500	13,000	-------	10,200	10,800
TULSA, OKLA.	12,000	12,000	-------	12,200	15,600	16,600	8,800	-------	10,200	12,000	-------
TUSCALOOSA, ALA.	10,600	-------	-------	-------	13,300	-------	10,000	-------	-------	-------	-------
TYLER, TEX.	11,200	-------	-------	-------	-------	-------	-------	-------	-------	11,200	-------
UTICA-ROME, N.Y.	10,000	10,800	-------	10,400	13,300	-------	7,900	-------	-------	-------	-------
VALLEJO-NAPA, CALIF.	10,800	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
WACO, TEX.	11,000	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
WASHINGTON, D.C.-MD.-VA.	13,900	12,600	12,500	13,000	17,400	18,000	9,300	12,000	12,000	12,700	13,800
WATERBURY, CONN.	11,600	11,500	-------	12,000	14,500	14,000	-------	-------	10,500	-------	-------
WATERLOO, IOWA	9,500	-------	-------	-------	-------	-------	8,900	-------	-------	-------	-------
WEST PALM BEACH, FLA.	11,500	11,000	-------	-------	-------	-------	-------	12,900	-------	-------	-------
WHEELING, W.VA.-OHIO	8,900	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
WICHITA, KANS.	10,400	10,700	-------	11,000	13,000	-------	8,500	-------	9,900	11,000	-------
WICHITA FALLS, TEX.	9,500	-------	-------	-------	-------	-------	-------	-------	-------	10,000	-------
WILKES-BARRE-HAZLETON, PA.	8,800	-------	-------	-------	-------	-------	8,000	-------	-------	-------	-------
WILMINGTON, DEL.-N.J.-MD.	14,400	13,500	13,600	13,700	19,000	19,000	10,300	-------	13,000	14,000	16,300
WILMINGTON, N.C.	8,300	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
WINSTON SALEM, N.C.	11,300	11,700	11,700	-------	16,200	-------	9,000	-------	-------	-------	-------
WORCESTER, MASS.	10,500	10,500	10,000	-------	15,600	18,000	9,200	-------	-------	-------	-------
YORK, PA.	10,000	-------	-------	-------	-------	-------	8,100	-------	-------	-------	-------
YOUNGSTOWN-WARREN, OHIO	9,500	-------	-------	-------	-------	-------	8,500	-------	-------	-------	-------
OTHER LOCATIONS	10,800	11,300	11,300	11,500	13,300	15,600	9,000	11,000	10,000	10,500	10,800

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH OR DEVELOPMENT.

NOTE – NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–37. Number of scientists receiving Federal support, by State and program, 1966

STATE	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS				
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH
ALL LOCATIONS	242,783	104,863(A)	11,468	11,250	28,922	13,273	24,487
ALABAMA	2,049	1,222	214	15	306	111	219
ALASKA	488	368	45	6	61	32	32
ARIZONA	1,945	966	195	95	219	130	141
ARKANSAS	859	399	114	26	42	49	88
CALIFORNIA	27,641	14,718	998	1,899	5,784	1,523	2,544
COLORADO	4,170	2,346	254	299	519	286	329
CONNECTICUT	4,393	1,697	110	134	400	215	431
DELAWARE	2,492	257	33	17	108	28	39
DISTRICT OF COLUMBIA	7,625	6,487	402	288	1,977	483	951
FLORIDA	4,109	2,045	284	198	525	314	418
GEORGIA	2,650	1,278	261	60	222	189	415
HAWAII	849	540	109	30	158	44	93
IDAHO	911	414	144	188	19	63	16
ILLINOIS	12,695	4,344	443	846	718	776	1,237
INDIANA	9,060	1,596	222	172	272	374	442
IOWA	2,633	1,124	256	262	68	236	303
KANSAS	2,208	883	194	55	112	198	245
KENTUCKY	1,788	702	139	46	83	135	226
LOUISIANA	3,561	951	281	38	89	131	261
MAINE	707	294	42	11	38	52	69
MARYLAND	7,784	4,013	587	322	2,122	341	1,757
MASSACHUSETTS	10,374	5,285	153	427	2,188	589	1,501
MICHIGAN	8,608	2,777	289	224	499	573	863
MINNESOTA	4,177	1,766	283	101	340	296	527
MISSISSIPPI	955	434	147	14	51	70	82
MISSOURI	4,324	1,623	224	107	353	223	527
MONTANA	942	517	154	7	42	45	70
NEBRASKA	1,283	608	157	22	142	98	117
NEVADA	504	323	55	104	51	30	32
NEW HAMPSHIRE	759	350	43	12	75	54	93
NEW JERSEY	12,280	2,785	158	213	1,245	405	469
NEW MEXICO	2,113	1,573	124	770	530	77	92
NEW YORK	28,642	8,870	420	1,054	2,091	1,408	3,152
NORTH CAROLINA	3,489	1,485	319	105	253	229	541
NORTH DAKOTA	522	313	122	2	20	51	41
OHIO	10,850	3,822	273	480	1,073	512	1,028
OKLAHOMA	3,184	809	157	40	143	113	209
OREGON	2,531	1,382	342	73	72	196	322
PENNSYLVANIA	13,860	4,780	348	482	1,372	644	1,407
RHODE ISLAND	971	491	31	45	144	64	121
SOUTH CAROLINA	1,318	543	132	168	88	77	81
SOUTH DAKOTA	521	287	121	9	15	45	28
TENNESSEE	3,421	1,744	185	836	143	133	377
TEXAS	11,389	5,234	358	196	963	422	661
UTAH	1,604	984	136	56	257	92	184
VERMONT	445	196	61	1	13	34	70
VIRGINIA	4,389	2,418	186	124	1,246	208	303
WASHINGTON	4,270	2,314	264	479	447	247	424
WEST VIRGINIA	1,514	421	89	13	30	53	92
WISCONSIN	4,376	1,710	273	147	175	327	543
WYOMING	487	325	84	14	20	45	31
CANAL ZONE	38	32	—	2	15	4	5
PUERTO RICO	313	135	15	30	15	20	24
VIRGIN ISLANDS	9	3	1	—	1	3	1
GUAM	36	25	1	1	27	—	1
FOREIGN	3,642	1,747	134	35	721	148	190

(A)OF THIS NUMBER, 24,242 SCIENTISTS REPORTED SUPPORT FROM MORE THAN 1 FEDERAL PROGRAM, HENCE THE COLUMNS GIVING NUMBER OF SCIENTISTS BY PROGRAM DO NOT ADD TO TOTAL.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–37. Number of scientists receiving Federal support, by State and program, 1966—Continued

STATE	GOVERNMENTAL PROGRAMS					NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	INTERNATIONAL	NATURAL RESOURCES	PUBLIC WORKS	SPACE	OTHER			
ALL LOCATIONS	2,511	9,079	1,819	13,905	14,391	108,677	7,366	21,857
ALABAMA	19	101	19	418	92	640	59	128
ALASKA	11	138	23	26	80	100	5	15
ARIZONA	9	165	21	124	130	702	62	215
ARKANSAS	1	66	16	12	47	363	19	78
CALIFORNIA	263	955	256	3,538	1,461	9,730	699	2,494
COLORADO	61	387	69	329	375	1,381	94	349
CONNECTICUT	30	78	11	264	198	2,103	142	511
DELAWARE	3	19	4	42	27	1,993	74	168
DISTRICT OF COLUMBIA	500	713	176	498	2,090	790	39	309
FLORIDA	34	149	22	367	285	1,392	133	539
GEORGIA	21	161	23	70	160	1,085	60	207
HAWAII	30	53	8	39	87	243	12	54
IDAHO	1	163	13	10	57	234	8	53
ILLINOIS	64	175	66	272	604	6,519	514	1,296
INDIANA	26	85	14	125	210	2,683	203	578
IOWA	17	64	9	38	115	1,115	94	300
KANSAS	15	68	15	43	126	1,009	79	240
KENTUCKY	9	91	18	27	89	905	57	124
LOUISIANA	21	65	15	96	103	2,258	105	247
MAINE	2	64	6	16	43	332	17	64
MARYLAND	154	230	60	841	828	1,129	102	540
MASSACHUSETTS	102	216	40	1,057	591	3,479	287	1,323
MICHIGAN	52	263	50	228	389	4,682	338	811
MINNESOTA	22	185	20	220	215	1,934	141	336
MISSISSIPPI	4	77	26	17	46	430	21	68
MISSOURI	24	154	61	237	214	2,179	136	388
MONTANA	7	204	22	14	80	338	10	77
NEBRASKA	5	56	16	15	80	471	30	94
NEVADA	———	90	10	34	37	138	9	36
NEW HAMPSHIRE	3	48	5	30	47	272	29	108
NEW JERSEY	29	126	29	429	310	7,925	525	965
NEW MEXICO	15	145	27	188	104	384	35	121
NEW YORK	163	268	96	1,006	1,092	14,252	1,038	2,482
NORTH CAROLINA	42	153	23	73	205	1,544	88	368
NORTH DAKOTA	2	95	2	3	34	155	8	46
OHIO	63	178	54	675	487	5,735	408	885
OKLAHOMA	11	106	23	52	141	2,039	85	251
OREGON	9	411	39	25	203	818	68	263
PENNSYLVANIA	43	301	86	669	637	7,244	487	1,349
RHODE ISLAND	2	33	2	28	70	344	29	147
SOUTH CAROLINA	2	66	7	21	47	593	43	119
SOUTH DAKOTA	1	80	4	2	40	195	7	32
TENNESSEE	15	129	22	138	153	1,296	99	280
TEXAS	48	239	80	667	425	6,905	304	940
UTAH	13	192	21	63	138	481	24	165
VERMONT	1	36	4	16	15	191	8	50
VIRGINIA	41	155	47	381	287	1,476	124	366
WASHINGTON	36	342	60	215	305	1,455	148	353
WEST VIRGINIA	5	125	17	17	90	956	39	98
WISCONSIN	40	201	22	130	244	1,988	167	511
WYOMING	3	138	11	8	46	310	12	39
CANAL ZONE	4	4	2	1	9	2	———	1
PUERTO RICO	10	11	4	5	28	146	8	24
VIRGIN ISLANDS	1	1	———	———	———	2	1	1
GUAM	———	———	———	3	7	1	———	———
FOREIGN	402	61	23	43	368	1,611	33	251

Appendix Table A–38. Number of scientists receiving Federal support, by field, highest degree, and program, 1966

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS				
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH
ALL FIELDS	242,763	101,238(A)	11,468	11,250	28,922	13,273	24,487
PH.D.	90,304	44,359	5,970	5,526	9,291	6,836	14,501
PROFESSIONAL MEDICAL	6,436	4,462	85	115	276	363	4,056
MASTER'S	66,754	24,559	2,507	2,593	8,224	4,154	2,886
BACHELOR'S	73,764	25,687	2,742	2,881	9,988	1,790	2,772
LESS THAN BACHELOR'S	2,435	1,023	92	56	605	42	83
NO REPORT	3,070	1,148	72	79	538	88	189
CHEMISTRY	65,917	19,144	1,722	2,947	5,283	1,934	6,925
PH.D.	23,915	9,407	930	1,405	2,064	1,170	4,298
PROFESSIONAL MEDICAL	443	348	1	10	9	20	333
MASTER'S	12,415	3,058	302	513	903	328	744
BACHELOR'S	27,616	6,053	463	985	2,207	399	1,472
LESS THAN BACHELOR'S	541	79	6	9	42	4	13
NO REPORT	987	199	20	25	58	13	65
EARTH SCIENCES	19,749	5,547	283	402	1,408	586	214
PH.D.	4,330	1,814	61	136	369	293	86
PROFESSIONAL MEDICAL	-------	-------	------	------	------	------	------
MASTER'S	6,372	1,633	86	112	441	171	56
BACHELOR'S	8,664	2,017	130	146	580	113	67
LESS THAN BACHELOR'S	247	45	3	5	10	3	2
NO REPORT	136	38	3	3	8	6	3
METEOROLOGY	6,283	4,454	363	246	2,680	174	321
PH.D.	668	540	43	52	200	38	48
PROFESSIONAL MEDICAL	2	2	------	------	------	------	1
MASTER'S	1,404	1,017	65	77	589	42	99
BACHELOR'S	2,976	2,075	185	97	1,283	76	141
LESS THAN BACHELOR'S	727	489	45	13	358	14	21
NO REPORT	506	331	25	7	250	4	11
PHYSICS	29,130	17,182	75	4,860	7,857	1,517	584
PH.D.	11,850	7,855	30	2,758	3,278	631	276
PROFESSIONAL MEDICAL	22	19	------	2	7	2	10
MASTER'S	9,438	4,847	20	1,170	2,278	545	156
BACHELOR'S	7,553	4,314	25	901	2,217	331	133
LESS THAN BACHELOR'S	75	46	------	10	30	1	2
NO REPORT	192	101	------	19	47	7	7
MATHEMATICS	22,806	9,687	108	717	5,281	1,373	631
PH.D.	5,485	2,413	37	164	978	470	226
PROFESSIONAL MEDICAL	5	3	------	------	------	------	3
MASTER'S	9,920	3,810	34	284	2,121	652	211
BACHELOR'S	6,525	3,074	30	244	1,951	218	161
LESS THAN BACHELOR'S	374	184	5	14	114	9	13
NO REPORT	497	203	2	11	117	24	17
AGRICULTURAL SCIENCES	10,038	6,808	3,637	89	151	245	178
PH.D.	2,310	1,696	1,408	63	33	92	113
PROFESSIONAL MEDICAL	9	4	3	------	------	------	1
MASTER'S	2,597	1,696	846	15	39	74	32
BACHELOR'S	4,969	3,335	1,355	11	74	79	32
LESS THAN BACHELOR'S	97	48	16	------	4	------	------
NO REPORT	56	31	9	------	1	------	------
BIOLOGICAL SCIENCES	29,633	17,402	3,522	918	1,278	1,747	10,673
PH.D.	15,218	9,774	2,504	658	670	902	5,719
PROFESSIONAL MEDICAL	5,890	4,048	81	103	258	336	3,675
MASTER'S	5,084	2,106	580	101	203	334	685
BACHELOR'S	3,119	1,324	336	49	134	158	502
LESS THAN BACHELOR'S	127	51	14	1	7	5	21
NO REPORT	195	99	7	6	6	12	71
PSYCHOLOGY	19,027	7,922	42	46	1,173	3,165	3,328
PH.D.	12,545	5,618	26	35	764	2,069	2,757
PROFESSIONAL MEDICAL	44	29	------	------	2	4	26
MASTER'S	6,075	2,131	14	4	366	1,055	508
BACHELOR'S	339	137	2	7	39	36	34
LESS THAN BACHELOR'S	5	1	------	------	------	------	------
NO REPORT	19	6	------	------	2	1	3

Appendix Table A-38. Number of scientists receiving Federal support, by field, highest degree, and program, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	GOVERNMENTAL PROGRAMS					NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	INTERNATIONAL	NATURAL RESOURCES	PUBLIC WORKS	SPACE	OTHER			
ALL FIELDS	2,511	9,079	1,819	13,905	10,766	109,541	7,449	24,535
PH.D.	1,294	2,464	345	5,033	5,474	38,071	1,784	6,090
PROFESSIONAL MEDICAL	63	17	1	97	78	1,471	108	395
MASTER'S	552	2,405	470	3,856	2,612	31,368	2,511	8,316
BACHELOR'S	532	4,033	916	4,553	2,311	36,158	2,842	9,077
LESS THAN BACHELOR'S	36	82	53	173	140	1,062	79	271
NO REPORT	34	78	34	193	151	1,411	125	386
CHEMISTRY	208	805	163	2,671	1,489	36,724	2,625	7,424
PH.D.	100	294	42	1,090	703	12,460	453	1,595
PROFESSIONAL MEDICAL	2	------	------	1	9	44	9	42
MASTER'S	33	176	25	467	237	7,273	513	1,571
BACHELOR'S	68	324	92	1,052	510	15,969	1,553	4,041
LESS THAN BACHELOR'S	------	5	3	22	7	366	41	55
NO REPORT	5	6	1	39	23	612	56	120
EARTH SCIENCES	289	2,107	613	461	929	11,871	377	1,954
PH.D.	100	655	71	216	435	2,085	66	365
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------
MASTER'S	83	598	158	117	251	3,953	135	651
BACHELOR'S	97	822	367	123	229	5,588	164	895
LESS THAN BACHELOR'S	6	14	11	4	6	172	7	23
NO REPORT	3	18	6	1	8	73	5	20
METEOROLOGY	204	346	138	856	700	696	97	1,036
PH.D.	23	54	8	250	84	62	5	61
PROFESSIONAL MEDICAL	------	------	------	1	------	------	------	------
MASTER'S	46	88	22	252	136	156	24	207
BACHELOR'S	106	164	71	325	356	318	46	537
LESS THAN BACHELOR'S	17	21	22	41	81	86	11	141
NO REPORT	12	19	15	27	43	74	11	90
PHYSICS	118	207	59	4,750	1,538	7,121	772	4,055
PH.D.	57	87	17	2,046	847	2,933	195	867
PROFESSIONAL MEDICAL	------	------	------	4	------	2	------	1
MASTER'S	31	49	21	1,336	391	2,461	304	1,826
BACHELOR'S	30	68	19	1,299	286	1,646	261	1,332
LESS THAN BACHELOR'S	------	2	2	24	------	22	3	4
NO REPORT	------	1	------	41	14	57	9	25
MATHEMATICS	143	142	147	2,312	1,170	10,295	862	1,962
PH.D.	42	33	28	376	617	2,362	198	512
PROFESSIONAL MEDICAL	------	------	------	------	------	1	------	1
MASTER'S	40	47	51	852	315	4,670	439	1,001
BACHELOR'S	53	53	60	975	196	2,869	195	387
LESS THAN BACHELOR'S	5	6	6	63	16	162	9	19
NO REPORT	3	3	2	46	26	231	21	42
AGRICULTURAL SCIENCES	116	3,350	206	32	379	2,671	110	449
PH.D.	69	316	16	19	72	535	18	61
PROFESSIONAL MEDICAL	------	1	------	------	------	3	------	2
MASTER'S	24	849	37	10	105	704	36	161
BACHELOR'S	22	2,134	150	3	193	1,360	53	221
LESS THAN BACHELOR'S	1	30	2	------	6	49	------	2
NO REPORT	------	20	1	------	3	20	3	2
BIOLOGICAL SCIENCES	322	1,139	47	602	1,084	9,178	593	2,460
PH.D.	213	621	21	389	732	4,434	181	829
PROFESSIONAL MEDICAL	61	15	1	88	67	1,399	99	344
MASTER'S	28	282	12	82	181	2,076	181	721
BACHELOR'S	17	215	12	39	86	1,137	119	539
LESS THAN BACHELOR'S	3	3	1	------	9	63	4	9
NO REPORT	------	3	------	4	9	69	9	18
PSYCHOLOGY	158	18	21	354	1,207	8,789	935	1,381
PH.D.	140	10	15	228	820	5,772	441	714
PROFESSIONAL MEDICAL	------	------	------	2	1	13	------	2
MASTER'S	16	3	5	108	364	2,836	481	627
BACHELOR'S	2	5	1	14	21	154	13	35
LESS THAN BACHELOR'S	------	------	------	1	------	4	------	------
NO REPORT	------	------	------	1	1	10	------	3

Appendix Table A–38. Number of scientists receiving Federal support, by field, highest degree, and program, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS				
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH
STATISTICS	3,042	1,518	119	75	583	157	321
PH.D.	919	505	38	25	176	88	142
PROFESSIONAL MEDICAL	-------	-------	-------	-------	-------	-------	-------
MASTER'S	1,256	579	50	39	228	60	113
BACHELOR'S	761	390	28	11	159	8	58
LESS THAN BACHELOR'S	44	20	1	-------	11	-------	5
NO REPORT	62	24	2	-------	9	1	3
ECONOMICS	13,150	3,715	1,302	123	547	451	205
PH.D.	5,593	1,901	747	34	182	238	94
PROFESSIONAL MEDICAL	3	-------	-------	-------	-------	-------	-------
MASTER'S	4,658	1,265	451	40	209	153	60
BACHELOR'S	2,660	499	99	48	146	52	48
LESS THAN BACHELOR'S	78	17	2	-------	4	3	2
NO REPORT	158	33	3	1	6	5	1
SOCIOLOGY	3,640	1,334	112	8	95	417	564
PH.D.	2,757	1,056	92	7	73	334	468
PROFESSIONAL MEDICAL	2	-------	-------	-------	-------	-------	-------
MASTER'S	780	240	17	1	12	76	88
BACHELOR'S	81	31	3	-------	8	4	7
LESS THAN BACHELOR'S	7	2	-------	-------	1	1	1
NO REPORT	13	5	-------	-------	1	2	-------
ANTHROPOLOGY	919	362	12	2	22	81	116
PH.D.	830	335	12	2	19	79	112
PROFESSIONAL MEDICAL	3	2	-------	-------	-------	-------	1
MASTER'S	53	14	-------	-------	1	-------	1
BACHELOR'S	26	9	-------	-------	2	1	1
LESS THAN BACHELOR'S	2	-------	-------	-------	-------	-------	-------
NO REPORT	5	2	-------	-------	-------	1	1
LINGUISTICS	1,269	384	1	1	89	220	42
PH.D.	750	259	-------	-------	48	159	36
PROFESSIONAL MEDICAL	-------	-------	-------	-------	-------	-------	-------
MASTER'S	348	85	1	1	30	41	5
BACHELOR'S	137	28	-------	-------	8	14	1
LESS THAN BACHELOR'S	1	-------	-------	-------	-------	-------	-------
NO REPORT	33	12	-------	-------	3	6	-------
OTHER FIELDS	18,160	5,779	170	816	2,475	1,206	385
PH.D.	3,134	1,186	42	187	437	273	126
PROFESSIONAL MEDICAL	13	7	-------	-------	-------	1	6
MASTER'S	6,354	2,078	41	236	804	623	128
BACHELOR'S	8,338	2,401	86	382	1,180	301	115
LESS THAN BACHELOR'S	110	43	-------	4	24	2	3
NO REPORT	211	64	1	7	30	6	7

(A)OF THIS NUMBER, 26,242 SCIENTISTS REPORTED SUPPORT FROM MORE THAN 1 FEDERAL PROGRAM, HENCE THE COLUMNS GIVING NUMBER OF SCIENTISTS BY PROGRAM DO NOT ADD TO TOTAL.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–38. Number of scientists receiving Federal support, by field, highest degree, and program, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	GOVERNMENTAL PROGRAMS					NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	INTERNATIONAL	NATURAL RESOURCES	PUBLIC WORKS	SPACE	OTHER			
STATISTICS	53	50	32	211	293	1,210	75	239
PH.D.	13	12	5	56	90	349	19	46
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------
MASTER'S	19	24	12	94	97	518	40	119
BACHELOR'S	20	12	15	54	96	292	15	64
LESS THAN BACHELOR'S	------	------	------	1	5	20	1	3
NO REPORT	1	2	------	6	5	31	------	7
ECONOMICS	573	485	193	217	903	7,913	259	1,263
PH.D.	331	240	69	58	474	3,170	95	427
PROFESSIONAL MEDICAL	------	------	------	------	------	3	------	------
MASTER'S	162	176	79	81	275	2,690	109	594
BACHELOR'S	70	66	39	70	135	1,899	51	211
LESS THAN BACHELOR'S	2	------	1	4	8	53	1	7
NO REPORT	8	3	5	4	11	98	3	24
SOCIOLOGY	118	19	21	21	353	1,909	52	345
PH.D.	94	13	11	13	264	1,430	29	242
PROFESSIONAL MEDICAL	------	------	------	------	------	1	------	1
MASTER'S	21	6	7	5	76	432	18	80
BACHELOR'S	2	------	3	2	11	35	3	12
LESS THAN BACHELOR'S	1	------	------	1	------	5	------	------
NO REPORT	------	------	------	------	2	6	2	------
ANTHROPOLOGY	51	25	13	3	152	416	24	117
PH.D.	47	22	12	3	139	378	18	99
PROFESSIONAL MEDICAL	------	1	------	------	------	------	------	1
MASTER'S	1	1	1	------	9	26	4	9
BACHELOR'S	3	1	------	------	4	9	2	6
LESS THAN BACHELOR'S	------	------	------	------	------	1	------	1
NO REPORT	------	------	------	------	------	2	------	1
LINGUISTICS	40	1	------	8	68	639	31	215
PH.D.	28	------	------	4	46	409	16	66
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------
MASTER'S	10	1	------	3	14	160	9	94
BACHELOR'S	2	------	------	------	6	53	5	51
LESS THAN BACHELOR'S	------	------	------	------	------	1	------	------
NO REPORT	------	------	------	1	2	16	1	4
OTHER FIELDS	118	385	166	1,367	501	10,109	637	1,635
PH.D.	37	107	30	285	151	1,692	50	206
PROFESSIONAL MEDICAL	------	------	------	1	1	5	------	1
MASTER'S	38	105	40	449	161	3,413	218	645
BACHELOR'S	40	169	87	597	182	4,829	362	746
LESS THAN BACHELOR'S	1	1	5	12	2	58	2	7
NO REPORT	2	3	4	23	4	112	5	30

Appendix Table A–39. Number of scientists receiving Federal support, by field, type of employer, and program, 1966

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS				
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH
ALL FIELDS	242,763	104,863(A)	11,468	11,250	28,922	13,273	24,487
EDUCATIONAL INSTITUTIONS	87,315	44,089	5,524	5,577	5,073	10,745	15,038
FEDERAL GOVERNMENT	24,689	24,689	4,696	987	6,282	700	3,219
OTHER GOVERNMENT	8,268	4,240	531	174	142	485	1,215
MILITARY	5,891	5,891	19	196	3,915	161	715
NONPROFIT ORGANIZATIONS	9,813	6,186	188	956	2,015	575	2,602
INDUSTRY AND BUSINESS	83,990	17,915	384	3,133	11,181	295	1,085
SELF-EMPLOYED	4,914	690	68	42	134	104	229
OTHER	1,309	541	18	122	102	89	133
NOT EMPLOYED	14,783	———	———	———	———	———	———
NO REPORT	1,791	622	40	63	78	119	251
CHEMISTRY	65,917	19,637	1,722	2,947	5,283	1,934	6,925
EDUCATIONAL INSTITUTIONS	14,770	8,301	690	1,223	686	1,700	4,368
FEDERAL GOVERNMENT	3,983	3,983	751	244	1,186	103	986
OTHER GOVERNMENT	834	444	39	94	35	18	179
MILITARY	689	689	3	29	379	16	122
NONPROFIT ORGANIZATIONS	1,884	1,254	70	261	248	40	712
INDUSTRY AND BUSINESS	37,033	4,570	139	996	2,661	25	433
SELF-EMPLOYED	553	55	6	5	22	1	13
OTHER	347	174	11	69	43	12	42
NOT EMPLOYED	5,352	———	———	———	———	———	———
NO REPORT	472	167	13	26	23	19	70
EARTH SCIENCES	19,749	5,870	283	402	1,408	586	214
EDUCATIONAL INSTITUTIONS	4,686	1,780	44	113	336	482	94
FEDERAL GOVERNMENT	2,667	2,667	180	147	543	38	64
OTHER GOVERNMENT	886	373	20	5	10	15	23
MILITARY	256	256	———	6	198	9	3
NONPROFIT ORGANIZATIONS	235	149	5	19	70	20	9
INDUSTRY AND BUSINESS	8,226	519	18	103	236	14	15
SELF-EMPLOYED	1,512	92	14	6	11	3	4
OTHER	57	20	1	1	3	3	1
NOT EMPLOYED	1,129	———	———	———	———	———	———
NO REPORT	95	14	1	2	1	2	1
METEOROLOGY	6,283	5,378	363	246	2,680	174	321
EDUCATIONAL INSTITUTIONS	812	591	39	46	136	65	69
FEDERAL GOVERNMENT	1,837	1,837	298	102	449	67	146
OTHER GOVERNMENT	114	85	2	6	15	2	42
MILITARY	2,349	2,349	9	31	1,807	28	17
NONPROFIT ORGANIZATIONS	197	167	6	37	81	8	19
INDUSTRY AND BUSINESS	662	322	8	24	183	2	26
SELF-EMPLOYED	18	4	———	———	3	———	———
OTHER	25	13	1	———	3	1	1
NOT EMPLOYED	242	———	———	———	———	———	———
NO REPORT	27	10	———	———	3	1	1
PHYSICS	29,130	17,496	75	4,860	7,857	1,517	584
EDUCATIONAL INSTITUTIONS	13,135	7,862	25	3,034	2,036	1,343	305
FEDERAL GOVERNMENT	3,145	3,145	26	237	1,791	44	74
OTHER GOVERNMENT	116	71	1	17	13	10	25
MILITARY	571	571	———	75	411	26	16
NONPROFIT ORGANIZATIONS	1,023	862	10	351	349	37	80
INDUSTRY AND BUSINESS	8,287	4,843	12	1,109	3,196	44	76
SELF-EMPLOYED	112	40	1	8	27	3	3
OTHER	40	25	———	6	9	3	1
NOT EMPLOYED	2,538	———	———	———	———	———	———
NO REPORT	163	77	———	23	25	7	4
MATHEMATICS	22,806	9,862	108	717	5,281	1,373	631
EDUCATIONAL INSTITUTIONS	9,308	3,110	41	268	864	1,146	292
FEDERAL GOVERNMENT	1,413	1,413	32	44	803	37	107
OTHER GOVERNMENT	270	133	3	9	15	37	34
MILITARY	464	464	———	13	354	24	11
NONPROFIT ORGANIZATIONS	1,074	929	6	72	749	41	68
INDUSTRY AND BUSINESS	8,901	3,710	26	297	2,657	79	105
SELF-EMPLOYED	147	30	———	2	18	3	3
OTHER	109	44	———	9	15	1	8
NOT EMPLOYED	1,001	———	———	———	———	———	———
NO REPORT	119	29	———	3	6	5	3

Appendix Table A–39. Number of scientists receiving Federal support, by field, type of employer, and program, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	GOVERNMENTAL PROGRAMS					NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	INTERNATIONAL	NATURAL RESOURCES	PUBLIC WORKS	SPACE	OTHER			
ALL FIELDS	2,511	9,079	1,819	13,905	14,391	108,677	7,366	21,857
EDUCATIONAL INSTITUTIONS	865	1,920	213	3,215	5,708	35,147	3,745	4,334
FEDERAL GOVERNMENT	844	4,955	747	2,235	5,182	———	———	———
OTHER GOVERNMENT	115	1,241	362	59	682	3,353	417	258
MILITARY	88	36	17	325	1,138	———	———	———
NONPROFIT ORGANIZATIONS	221	251	99	813	616	3,046	280	301
INDUSTRY AND BUSINESS	296	554	309	7,068	750	62,049	2,712	1,314
SELF-EMPLOYED	40	66	55	70	123	3,897	101	226
OTHER	27	25	8	61	91	669	46	53
NOT EMPLOYED	———	———	———	———	———	———	———	14,783
NO REPORT	15	31	9	59	101	516	65	588
CHEMISTRY	208	805	163	2,671	1,982	36,627	2,619	7,034
EDUCATIONAL INSTITUTIONS	47	180	24	439	829	4,787	851	831
FEDERAL GOVERNMENT	75	384	42	271	650	———	———	———
OTHER GOVERNMENT	9	21	44	17	51	310	43	37
MILITARY	2	4	1	43	159	———	———	———
NONPROFIT ORGANIZATIONS	20	43	9	145	69	515	60	55
INDUSTRY AND BUSINESS	46	158	41	1,710	181	30,265	1,617	581
SELF-EMPLOYED	4	4	1	11	12	457	14	27
OTHER	5	5	———	23	10	146	16	11
NOT EMPLOYED	———	———	———	———	———	———	———	5,352
NO REPORT	———	6	1	12	21	147	18	140
EARTH SCIENCES	289	2,107	613	461	1,252	11,820	376	1,683
EDUCATIONAL INSTITUTIONS	71	391	35	158	527	2,476	195	235
FEDERAL GOVERNMENT	129	1,392	290	160	481	———	———	———
OTHER GOVERNMENT	18	131	161	5	78	453	32	28
MILITARY	4	3	1	17	54	———	———	———
NONPROFIT ORGANIZATIONS	12	46	7	17	29	77	2	7
INDUSTRY AND BUSINESS	41	104	82	99	54	7,433	135	139
SELF-EMPLOYED	9	33	36	2	15	1,325	9	86
OTHER	5	3	———	2	8	35	———	2
NOT EMPLOYED	———	———	———	———	———	———	———	1,129
NO REPORT	———	4	1	1	6	21	3	57
METEOROLOGY	204	346	138	896	1,624	485	52	368
EDUCATIONAL INSTITUTIONS	13	67	3	210	116	132	27	62
FEDERAL GOVERNMENT	128	205	120	321	906	———	———	———
OTHER GOVERNMENT	3	8	2	5	23	22	5	2
MILITARY	38	9	5	113	502	———	———	———
NONPROFIT ORGANIZATIONS	10	22	2	68	41	7	3	20
INDUSTRY AND BUSINESS	9	31	6	174	30	302	16	22
SELF-EMPLOYED	———	———	———	1	———	11	———	3
OTHER	1	1	———	1	4	9	———	3
NOT EMPLOYED	———	———	———	———	———	———	———	242
NO REPORT	2	3	———	3	2	2	1	14
PHYSICS	118	207	59	4,750	1,852	7,074	764	3,796
EDUCATIONAL INSTITUTIONS	37	51	7	1,440	1,062	3,697	564	1,012
FEDERAL GOVERNMENT	34	77	15	883	487	———	———	———
OTHER GOVERNMENT	4	1	1	7	9	35	6	4
MILITARY	4	1	1	51	96	———	———	———
NONPROFIT ORGANIZATIONS	13	20	12	228	73	103	13	45
INDUSTRY AND BUSINESS	25	53	23	2,091	107	3,138	170	136
SELF-EMPLOYED	1	3	———	23	2	63	5	4
OTHER	———	1	———	4	3	12	2	1
NOT EMPLOYED	———	———	———	———	———	———	———	2,538
NO REPORT	———	———	———	23	13	26	4	56
MATHEMATICS	143	142	147	2,312	1,345	10,249	858	1,837
EDUCATIONAL INSTITUTIONS	32	26	24	310	787	5,015	589	594
FEDERAL GOVERNMENT	32	54	24	234	258	———	———	———
OTHER GOVERNMENT	3	6	13	7	22	117	10	10
MILITARY	3	2	———	22	71	———	———	———
NONPROFIT ORGANIZATIONS	23	19	29	166	57	114	10	21
INDUSTRY AND BUSINESS	49	34	55	1,545	129	4,813	235	143
SELF-EMPLOYED	———	———	1	9	3	101	6	10
OTHER	———	1	———	13	6	58	2	5
NOT EMPLOYED	———	———	———	———	———	———	———	1,001
NO REPORT	1	———	1	6	12	31	6	53

Appendix Table A–39. Number of scientists receiving Federal support, by field, type of employer, and program, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS				
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH
AGRICULTURAL SCIENCES	10,038	7,044	3,637	89	151	245	178
EDUCATIONAL INSTITUTIONS	2,554	1,866	1,560	58	24	157	116
FEDERAL GOVERNMENT	3,690	3,690	1,657	17	73	56	38
OTHER GOVERNMENT	1,680	1,276	337	4	12	23	14
MILITARY	46	46	1	1	31	3	1
NONPROFIT ORGANIZATIONS	106	21	8	3	2	2	6
INDUSTRY AND BUSINESS	1,524	89	46	5	8	2	2
SELF-EMPLOYED	192	33	19	———	———	1	———
OTHER	20	4	1	1	1	———	1
NOT EMPLOYED	188	———	———	———	———	———	———
NO REPORT	38	19	8	———	———	1	———
BIOLOGICAL SCIENCES	29,633	17,767	3,522	918	1,278	1,747	10,673
EDUCATIONAL INSTITUTIONS	16,650	10,937	2,122	616	365	1,465	7,206
FEDERAL GOVERNMENT	3,300	3,300	1,183	71	413	95	1,051
OTHER GOVERNMENT	1,057	602	96	9	3	26	376
MILITARY	790	790	5	10	255	23	475
NONPROFIT ORGANIZATIONS	2,185	1,313	44	117	81	79	1,096
INDUSTRY AND BUSINESS	3,185	481	45	77	143	9	233
SELF-EMPLOYED	673	144	17	7	9	16	102
OTHER	135	55	2	4	4	8	26
NOT EMPLOYED	1,348	———	———	———	———	———	———
NO REPORT	310	145	8	7	5	26	108
PSYCHOLOGY	19,027	8,149	42	46	1,173	3,165	3,328
EDUCATIONAL INSTITUTIONS	9,791	4,258	23	16	305	2,335	1,700
FEDERAL GOVERNMENT	1,379	1,379	4	4	287	101	499
OTHER GOVERNMENT	2,205	741	1	1	10	281	426
MILITARY	205	205	———	1	119	11	46
NONPROFIT ORGANIZATIONS	1,714	777	3	9	123	244	453
INDUSTRY AND BUSINESS	1,350	420	8	14	305	51	33
SELF-EMPLOYED	1,116	192	2	1	15	64	90
OTHER	266	86	———	———	5	42	31
NOT EMPLOYED	749	———	———	———	———	———	———
NO REPORT	252	91	1	———	4	36	50
STATISTICS	3,042	1,610	119	75	583	157	321
EDUCATIONAL INSTITUTIONS	937	422	40	12	94	102	130
FEDERAL GOVERNMENT	614	614	68	9	174	33	108
OTHER GOVERNMENT	125	77	1	2	3	6	19
MILITARY	43	43	———	1	30	———	5
NONPROFIT ORGANIZATIONS	149	102	2	11	54	8	38
INDUSTRY AND BUSINESS	1,012	331	6	36	219	6	18
SELF-EMPLOYED	23	5	1	———	3	1	1
OTHER	23	11	———	4	4	———	1
NOT EMPLOYED	100	———	———	———	———	———	———
NO REPORT	16	5	1	———	2	1	1
ECONOMICS	13,150	3,981	1,302	123	547	451	205
EDUCATIONAL INSTITUTIONS	5,599	1,680	788	15	89	307	71
FEDERAL GOVERNMENT	1,348	1,348	430	20	75	57	42
OTHER GOVERNMENT	490	173	24	1	3	13	6
MILITARY	90	90	1	———	63	3	———
NONPROFIT ORGANIZATIONS	460	193	23	18	89	30	31
INDUSTRY AND BUSINESS	4,073	430	34	63	219	28	52
SELF-EMPLOYED	228	34	3	3	6	4	2
OTHER	45	8	2	3	1	2	———
NOT EMPLOYED	719	———	———	———	———	———	———
NO REPORT	98	25	7	———	2	7	1
SOCIOLOGY	3,640	1,363	112	8	95	417	564
EDUCATIONAL INSTITUTIONS	2,748	952	99	4	52	339	408
FEDERAL GOVERNMENT	163	163	11	———	11	21	52
OTHER GOVERNMENT	141	75	———	1	———	13	32
MILITARY	11	11	———	———	6	1	3
NONPROFIT ORGANIZATIONS	211	100	1	1	19	27	42
INDUSTRY AND BUSINESS	86	19	1	———	6	5	4
SELF-EMPLOYED	26	9	———	1	1	4	2
OTHER	51	25	———	1	———	5	16
NOT EMPLOYED	135	———	———	———	———	———	———
NO REPORT	68	9	———	———	———	2	5

Appendix Table A–39. Number of scientists receiving Federal support, by field, type of employer, and program, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	GOVERNMENTAL PROGRAMS					NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	INTERNATIONAL	NATURAL RESOURCES	PUBLIC WORKS	SPACE	OTHER			
AGRICULTURAL SCIENCES	116	3,350	206	32	615	2,608	106	280
EDUCATIONAL INSTITUTIONS	54	320	13	16	86	591	62	35
FEDERAL GOVERNMENT	41	2,069	112	7	340	———	———	———
OTHER GOVERNMENT	10	907	63	2	158	353	27	24
MILITARY	1	3	3	———	12	———	———	———
NONPROFIT ORGANIZATIONS	2	6	———	1	2	80	1	4
INDUSTRY AND BUSINESS	5	22	10	6	11	1,409	13	13
SELF-EMPLOYED	1	13	3	———	4	151	3	5
OTHER	2	1	———	———	———	15	———	1
NOT EMPLOYED	———	———	———	———	———	———	———	188
NO REPORT	———	9	2	———	2	9	———	10
BIOLOGICAL SCIENCES	322	1,139	47	602	1,449	9,086	588	2,192
EDUCATIONAL INSTITUTIONS	163	539	14	277	811	4,711	404	598
FEDERAL GOVERNMENT	74	416	16	102	397	———	———	———
OTHER GOVERNMENT	16	113	5	3	36	366	48	41
MILITARY	28	9	3	39	94	———	———	———
NONPROFIT ORGANIZATIONS	28	33	1	61	57	759	57	56
INDUSTRY AND BUSINESS	5	12	6	107	17	2,607	63	34
SELF-EMPLOYED	2	5	1	4	9	489	6	34
OTHER	3	6	1	2	15	69	2	9
NOT EMPLOYED	———	———	———	———	———	———	———	1,348
NO REPORT	3	6	———	7	13	85	8	72
PSYCHOLOGY	158	18	21	354	1,434	8,688	928	1,262
EDUCATIONAL INSTITUTIONS	78	5	4	104	473	4,747	482	304
FEDERAL GOVERNMENT	22	5	5	41	532	———	———	———
OTHER GOVERNMENT	1	2	1	6	135	1,185	225	54
MILITARY	1	———	———	14	40	———	———	———
NONPROFIT ORGANIZATIONS	24	2	4	26	123	779	114	44
INDUSTRY AND BUSINESS	17	3	6	154	40	882	32	16
SELF-EMPLOYED	10	1	———	4	57	848	44	32
OTHER	3	———	1	4	18	160	16	4
NOT EMPLOYED	———	———	———	———	———	———	———	749
NO REPORT	2	———	———	1	16	87	15	59
STATISTICS	53	50	32	211	385	1,193	75	164
EDUCATIONAL INSTITUTIONS	7	11	2	37	82	430	50	35
FEDERAL GOVERNMENT	30	26	14	21	237	———	———	———
OTHER GOVERNMENT	4	4	9	———	31	42	3	3
MILITARY	1	———	———	2	9	———	———	———
NONPROFIT ORGANIZATIONS	7	5	4	12	8	41	———	6
INDUSTRY AND BUSINESS	3	3	3	138	15	649	21	11
SELF-EMPLOYED	———	———	———	———	———	17	———	1
OTHER	1	1	———	1	2	11	———	1
NOT EMPLOYED	———	———	———	———	———	———	———	100
NO REPORT	———	———	———	———	1	3	1	7
ECONOMICS	573	485	193	217	1,169	7,837	257	1,075
EDUCATIONAL INSTITUTIONS	196	203	48	40	364	3,529	182	208
FEDERAL GOVERNMENT	210	194	72	17	552	———	———	———
OTHER GOVERNMENT	34	26	17	———	84	273	8	36
MILITARY	2	———	1	1	24	———	———	———
NONPROFIT ORGANIZATIONS	57	26	20	23	51	250	7	10
INDUSTRY AND BUSINESS	61	31	29	132	75	3,523	54	66
SELF-EMPLOYED	5	1	5	3	13	186	2	6
OTHER	2	1	———	1	———	36	———	1
NOT EMPLOYED	———	———	———	———	———	———	———	719
NO REPORT	6	3	1	———	6	40	4	29
SOCIOLOGY	118	19	21	21	382	1,900	52	325
EDUCATIONAL INSTITUTIONS	80	15	8	12	206	1,627	42	127
FEDERAL GOVERNMENT	17	3	3	2	81	———	———	———
OTHER GOVERNMENT	3	———	4	———	31	60	3	3
MILITARY	———	———	———	———	1	———	———	———
NONPROFIT ORGANIZATIONS	8	1	2	3	47	105	1	5
INDUSTRY AND BUSINESS	4	———	2	4	6	61	4	2
SELF-EMPLOYED	2	———	———	———	2	13	1	3
OTHER	4	———	———	———	6	23	1	2
NOT EMPLOYED	———	———	———	———	———	———	———	135
NO REPORT	———	———	2	———	2	11	———	48

Appendix Table A–39. Number of scientists receiving Federal support, by field, type of employer, and program, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS				
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH
ANTHROPOLOGY	919	366	12	2	22	81	116
EDUCATIONAL INSTITUTIONS	721	273	9	2	8	62	97
FEDERAL GOVERNMENT	41	41	1	-------	6	6	6
OTHER GOVERNMENT	14	8	-------	-------	-------	-------	4
MILITARY	1	1	-------	-------	-------	-------	-------
NONPROFIT ORGANIZATIONS	33	14	2	-------	6	6	4
INDUSTRY AND BUSINESS	2	1	-------	-------	1	-------	-------
SELF-EMPLOYED	6	1	-------	-------	1	-------	-------
OTHER	54	25	-------	-------	-------	5	3
NOT EMPLOYED	41	-------	-------	-------	-------	-------	-------
NO REPORT	6	2	-------	-------	-------	2	2
LINGUISTICS	1,269	396	1	1	89	220	42
EDUCATIONAL INSTITUTIONS	889	277	-------	-------	40	184	32
FEDERAL GOVERNMENT	58	58	1	1	21	17	2
OTHER GOVERNMENT	18	13	-------	-------	3	6	1
MILITARY	4	4	-------	-------	2	-------	1
NONPROFIT ORGANIZATIONS	84	19	-------	-------	8	6	3
INDUSTRY AND BUSINESS	43	16	-------	-------	12	2	1
SELF-EMPLOYED	4	1	-------	-------	-------	-------	-------
OTHER	8	2	-------	-------	1	1	-------
NOT EMPLOYED	146	-------	-------	-------	-------	-------	-------
NO REPORT	15	6	-------	-------	2	4	2
OTHER FIELDS	18,160	5,944	170	816	2,475	1,206	385
EDUCATIONAL INSTITUTIONS	4,715	1,780	54	170	238	1,058	150
FEDERAL GOVERNMENT	1,051	1,051	54	91	450	25	44
OTHER GOVERNMENT	318	169	7	25	20	35	34
MILITARY	372	372	-------	29	260	17	15
NONPROFIT ORGANIZATIONS	458	286	8	57	136	27	41
INDUSTRY AND BUSINESS	9,606	2,164	41	409	1,335	28	87
SELF-EMPLOYED	304	50	5	9	18	4	9
OTHER	129	49	-------	24	13	6	2
NOT EMPLOYED	1,095	-------	-------	-------	-------	-------	-------
NO REPORT	112	23	1	2	5	6	3

(A)OF THIS NUMBER, 26,242 SCIENTISTS REPORTED SUPPORT FROM MORE THAN 1 FEDERAL PROGRAM, HENCE THE COLUMNS GIVING NUMBER OF SCIENTISTS BY PROGRAM DO NOT ADD TO TOTAL.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–39. Number of scientists receiving Federal support, by field, type of employer, and program, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND TYPE OF EMPLOYER	GOVERNMENTAL PROGRAMS					NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	INTERNATIONAL	NATURAL RESOURCES	PUBLIC WORKS	SPACE	OTHER			
ANTHROPOLOGY	51	25	13	3	156	416	24	113
EDUCATIONAL INSTITUTIONS	36	16	6	2	112	365	21	62
FEDERAL GOVERNMENT	8	5	3	———	20	———	———	———
OTHER GOVERNMENT	1	———	2	———	3	5	———	1
MILITARY	———	———	———	———	1	———	———	———
NONPROFIT ORGANIZATIONS	4	2	———	1	4	17	1	1
INDUSTRY AND BUSINESS	———	———	———	———	———	1	———	———
SELF-EMPLOYED	———	———	———	———	———	3	1	1
OTHER	1	2	2	———	16	23	1	5
NOT EMPLOYED	———	———	———	———	———	———	———	41
NO REPORT	1	———	———	———	———	2	———	2
LINGUISTICS	40	1	———	8	80	633	31	209
EDUCATIONAL INSTITUTIONS	23	———	———	2	48	537	28	47
FEDERAL GOVERNMENT	13	1	———	3	17	———	———	———
OTHER GOVERNMENT	3	———	———	———	3	4	1	———
MILITARY	———	———	———	———	1	———	———	———
NONPROFIT ORGANIZATIONS	1	———	———	———	6	58	1	6
INDUSTRY AND BUSINESS	———	———	———	3	3	23	1	3
SELF-EMPLOYED	———	———	———	———	1	2	———	1
OTHER	———	———	———	———	———	5	———	1
NOT EMPLOYED	———	———	———	———	———	———	———	146
NO REPORT	———	———	———	———	1	4	———	5
OTHER FIELDS	118	385	166	1,367	666	10,061	636	1,519
EDUCATIONAL INSTITUTIONS	28	96	25	168	205	2,503	248	184
FEDERAL GOVERNMENT	31	124	31	173	224	———	———	———
OTHER GOVERNMENT	6	22	40	7	18	128	6	15
MILITARY	4	5	2	23	74	———	———	———
NONPROFIT ORGANIZATIONS	12	26	9	62	49	141	10	21
INDUSTRY AND BUSINESS	31	103	46	905	82	6,943	351	148
SELF-EMPLOYED	6	6	8	13	5	231	10	13
OTHER	———	3	4	10	3	67	6	7
NOT EMPLOYED	———	———	———	———	———	———	———	1,095
NO REPORT	———	———	1	6	6	48	5	36

Appendix Table A–40. Number of scientists receiving Federal support, by field, primary work activity, and program, 1966

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS				
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH
ALL FIELDS	242,763	104,863(C)	11,468	11,250	28,922	13,273	24,487
RESEARCH AND DEVELOPMENT (A)	80,821	48,172	5,474	6,598	13,360	2,990	13,451
BASIC RESEARCH	38,293	26,933	2,687	4,244	4,771	1,840	10,299
APPLIED RESEARCH	31,077	17,036	2,653	1,697	6,229	1,040	2,971
MANAGEMENT OR ADMINISTRATION (B)	49,921	23,633	2,973	2,338	8,433	2,595	3,852
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	24,448	12,818	1,352	1,630	5,611	1,061	2,336
TEACHING	44,626	15,420	1,273	938	1,595	6,009	3,886
PRODUCTION AND INSPECTION	16,419	3,789	355	529	1,662	103	509
OTHER	26,702	10,062	898	491	3,055	1,060	1,831
NOT EMPLOYED	14,783	———	———	———	———	———	———
NO REPORT	9,491	3,787	495	356	817	516	958
CHEMISTRY	65,917	19,637	1,722	2,947	5,283	1,934	6,925
RESEARCH AND DEVELOPMENT (A)	27,105	10,809	1,055	1,618	2,454	588	4,643
BASIC RESEARCH	12,758	7,636	728	1,029	1,109	544	4,103
APPLIED RESEARCH	9,362	2,457	293	403	981	41	485
MANAGEMENT OR ADMINISTRATION (B)	12,990	3,218	293	594	1,526	206	682
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	8,225	2,195	211	405	1,144	75	447
TEACHING	5,987	2,309	125	227	197	931	808
PRODUCTION AND INSPECTION	8,814	1,542	106	285	609	30	308
OTHER	2,377	705	48	80	244	53	153
NOT EMPLOYED	5,352	———	———	———	———	———	———
NO REPORT	3,292	1,054	95	143	253	126	331
EARTH SCIENCES	19,749	5,870	283	402	1,408	586	214
RESEARCH AND DEVELOPMENT (A)	3,715	2,325	86	198	581	83	82
BASIC RESEARCH	2,039	1,412	37	100	308	71	45
APPLIED RESEARCH	1,651	900	49	98	263	12	37
MANAGEMENT OR ADMINISTRATION (B)	3,467	1,279	72	111	433	96	55
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,184	614	34	68	230	40	29
TEACHING	3,114	877	18	22	102	343	30
PRODUCTION AND INSPECTION	560	109	7	6	57	5	5
OTHER	7,044	1,084	88	57	196	42	31
NOT EMPLOYED	1,129	———	———	———	———	———	———
NO REPORT	720	196	12	8	39	17	11
METEOROLOGY	6,283	5,378	363	246	2,680	174	321
RESEARCH AND DEVELOPMENT (A)	1,285	1,136	66	89	436	33	87
BASIC RESEARCH	652	568	24	38	176	25	33
APPLIED RESEARCH	610	551	42	49	256	8	54
MANAGEMENT OR ADMINISTRATION (B)	1,591	1,504	115	85	848	46	107
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	470	442	34	51	233	11	53
TEACHING	306	184	6	12	60	45	21
PRODUCTION AND INSPECTION	74	58	2	1	22	1	14
OTHER	2,552	2,310	163	49	1,246	45	84
NOT EMPLOYED	242	———	———	———	———	———	———
NO REPORT	233	186	11	10	68	4	8
PHYSICS	29,130	17,496	75	4,860	7,857	1,517	584
RESEARCH AND DEVELOPMENT (A)	14,577	10,967	34	3,376	4,858	345	303
BASIC RESEARCH	8,345	6,322	18	2,411	2,040	290	187
APPLIED RESEARCH	4,574	3,460	14	720	2,128	32	101
MANAGEMENT OR ADMINISTRATION (B)	4,152	3,067	27	791	1,921	173	145
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	3,069	2,427	15	622	1,584	73	87
TEACHING	5,902	2,327	6	436	538	920	75
PRODUCTION AND INSPECTION	227	108	2	36	56	2	9
OTHER	842	571	5	117	312	34	34
NOT EMPLOYED	2,538	———	———	———	———	———	———
NO REPORT	892	456	1	104	172	43	18
MATHEMATICS	22,806	9,862	108	717	5,281	1,373	631
RESEARCH AND DEVELOPMENT (A)	7,095	4,441	36	408	2,625	207	276
BASIC RESEARCH	1,943	1,021	8	97	363	120	76
APPLIED RESEARCH	2,818	2,085	23	206	1,389	54	154
MANAGEMENT OR ADMINISTRATION (B)	4,412	2,168	38	166	1,410	223	184
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2,242	1,367	20	106	955	100	114
TEACHING	6,303	1,542	6	29	229	835	73
PRODUCTION AND INSPECTION	1,695	782	10	55	502	25	36
OTHER	1,782	707	13	45	421	58	48
NOT EMPLOYED	1,001	———	———	———	———	———	———
NO REPORT	518	222	5	14	94	25	14

Appendix Table A-40. Number of scientists receiving Federal support, by field, primary work activity, and program, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	GOVERNMENTAL PROGRAMS					NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	INTERNATIONAL	NATURAL RESOURCES	PUBLIC WORKS	SPACE	OTHER			
ALL FIELDS	2,511	9,039	1,819	13,905	14,391	108,677	7,366	21,857
RESEARCH AND DEVELOPMENT (A)	661	2,975	391	7,307	5,102	27,403	2,868	2,378
BASIC RESEARCH	294	1,416	104	3,007	3,385	8,176	1,396	1,788
APPLIED RESEARCH	319	1,415	245	2,933	1,450	12,602	994	445
MANAGEMENT OR ADMINISTRATION (B)	963	3,816	641	3,744	3,184	25,060	528	700
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	542	1,410	243	2,809	1,422	11,123	172	335
TEACHING	329	751	79	815	2,580	25,587	1,832	1,787
PRODUCTION AND INSPECTION	70	278	135	773	423	11,596	804	230
OTHER	392	973	500	882	2,350	15,090	1,006	544
NOT EMPLOYED	———	———	———	———	———	———	———	14,783
NO REPORT	96	286	73	384	752	3,941	328	1,435
CHEMISTRY	208	805	163	2,671	1,982	36,627	2,619	7,034
RESEARCH AND DEVELOPMENT (A)	53	383	37	1,311	860	14,374	1,297	625
BASIC RESEARCH	30	205	14	574	649	4,040	641	441
APPLIED RESEARCH	15	151	21	530	165	6,405	381	119
MANAGEMENT OR ADMINISTRATION (B)	75	201	44	705	279	9,403	184	185
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	47	160	24	563	143	5,850	78	102
TEACHING	17	60	6	110	345	3,165	282	231
PRODUCTION AND INSPECTION	23	90	51	320	168	6,587	557	128
OTHER	24	31	9	113	142	1,433	155	84
NOT EMPLOYED	———	———	———	———	———	———	———	5,352
NO REPORT	16	40	16	112	188	1,665	144	429
EARTH SCIENCES	289	2,107	613	461	1,252	11,820	376	1,683
RESEARCH AND DEVELOPMENT (A)	78	943	114	237	486	1,190	87	113
BASIC RESEARCH	49	540	39	166	372	490	49	88
APPLIED RESEARCH	29	401	75	69	112	690	38	23
MANAGEMENT OR ADMINISTRATION (B)	96	499	162	120	211	2,104	37	47
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	49	259	41	82	93	547	6	17
TEACHING	35	171	15	45	245	1,996	119	122
PRODUCTION AND INSPECTION	6	27	20	8	18	426	14	11
OTHER	64	407	284	38	223	5,750	103	107
NOT EMPLOYED	———	———	———	———	———	———	———	1,129
NO REPORT	10	60	18	13	69	354	16	154
METEOROLOGY	204	346	138	896	1,624	485	52	368
RESEARCH AND DEVELOPMENT (A)	36	105	18	412	206	63	20	66
BASIC RESEARCH	17	41	5	251	107	24	14	46
APPLIED RESEARCH	19	64	13	149	97	33	6	20
MANAGEMENT OR ADMINISTRATION (B)	82	118	47	265	431	76	3	8
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	23	58	9	171	76	21	3	4
TEACHING	5	11	1	32	41	99	8	15
PRODUCTION AND INSPECTION	1	3	2	4	16	15	1	———
OTHER	72	103	65	154	846	210	17	15
NOT EMPLOYED	———	———	———	———	———	———	———	242
NO REPORT	8	6	5	29	84	22	3	22
PHYSICS	118	207	59	4,750	1,852	7,074	764	3,796
RESEARCH AND DEVELOPMENT (A)	29	101	18	3,096	1,120	2,587	372	651
BASIC RESEARCH	12	53	7	1,445	911	1,200	254	569
APPLIED RESEARCH	12	43	9	1,181	157	970	83	61
MANAGEMENT OR ADMINISTRATION (B)	49	73	25	1,011	215	994	27	64
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	32	59	17	856	146	588	8	46
TEACHING	24	12	2	333	359	2,969	294	312
PRODUCTION AND INSPECTION	———	4	3	30	5	108	6	5
OTHER	11	11	8	172	59	219	27	25
NOT EMPLOYED	———	———	———	———	———	———	———	2,538
NO REPORT	5	6	3	108	94	197	38	201
MATHEMATICS	143	142	147	2,312	1,345	10,249	858	1,837
RESEARCH AND DEVELOPMENT (A)	42	47	59	1,149	559	2,018	334	302
BASIC RESEARCH	9	9	3	172	334	523	167	232
APPLIED RESEARCH	27	27	38	533	145	611	86	36
MANAGEMENT OR ADMINISTRATION (B)	56	62	55	604	198	2,136	46	62
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	33	38	38	407	110	826	19	30
TEACHING	13	8	5	96	398	4,128	340	293
PRODUCTION AND INSPECTION	13	12	10	239	61	859	38	16
OTHER	15	10	16	175	79	946	78	51
NOT EMPLOYED	———	———	———	———	———	———	———	1,001
NO REPORT	4	3	2	49	50	162	22	112

Appendix Table A–40. Number of scientists receiving Federal support, by field, primary work activity, and program, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS				
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH
AGRICULTURAL SCIENCES	10,038	7,044	3,637	89	151	245	178
RESEARCH AND DEVELOPMENT (A)	2,516	1,986	1,358	41	34	36	76
BASIC RESEARCH	682	591	388	28	9	14	47
APPLIED RESEARCH	1,692	1,298	921	13	23	18	27
MANAGEMENT OR ADMINISTRATION (B)	5,004	3,556	1,355	37	81	102	64
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,088	822	368	25	23	42	35
TEACHING	808	519	385	1	7	71	19
PRODUCTION AND INSPECTION	315	180	93	1	7	2	-------
OTHER	795	538	286	4	17	21	12
NOT EMPLOYED	188	-------	-------	-------	-------	-------	-------
NO REPORT	412	265	160	5	5	13	7
BIOLOGICAL SCIENCES	29,633	17,767	3,522	918	1,278	1,747	10,673
RESEARCH AND DEVELOPMENT (A)	12,150	9,528	2,092	558	586	429	6,150
BASIC RESEARCH	8,264	6,954	1,330	481	364	336	4,695
APPLIED RESEARCH	3,740	2,535	748	74	214	88	1,440
MANAGEMENT OR ADMINISTRATION (B)	4,831	2,893	617	147	421	356	1,505
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2,735	1,796	402	112	320	164	957
TEACHING	7,249	3,425	436	141	104	790	1,920
PRODUCTION AND INSPECTION	524	214	79	10	21	10	80
OTHER	2,234	980	153	27	98	70	572
NOT EMPLOYED	1,348	-------	-------	-------	-------	-------	-------
NO REPORT	1,297	727	145	35	48	92	446
PSYCHOLOGY	19,027	8,149	42	46	1,173	3,165	3,328
RESEARCH AND DEVELOPMENT (A)	4,530	2,824	10	20	589	921	1,246
BASIC RESEARCH	1,589	1,259	5	11	201	265	828
APPLIED RESEARCH	2,817	1,471	5	6	350	628	403
MANAGEMENT OR ADMINISTRATION (B)	3,528	1,892	16	16	358	829	647
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,164	853	6	10	260	309	306
TEACHING	4,183	1,392	6	3	90	713	591
PRODUCTION AND INSPECTION	11	3	-------	-------	-------	1	-------
OTHER	5,455	1,837	7	6	115	613	777
NOT EMPLOYED	749	-------	-------	-------	-------	-------	-------
NO REPORT	571	201	3	1	21	88	67
STATISTICS	3,042	1,610	119	75	583	157	321
RESEARCH AND DEVELOPMENT (A)	883	602	33	26	234	41	149
BASIC RESEARCH	197	137	7	4	45	18	40
APPLIED RESEARCH	566	392	24	19	160	23	99
MANAGEMENT OR ADMINISTRATION (B)	733	429	41	17	146	40	90
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	365	229	13	7	79	29	63
TEACHING	560	189	14	7	49	52	42
PRODUCTION AND INSPECTION	382	183	11	9	84	5	11
OTHER	309	171	16	15	63	15	24
NOT EMPLOYED	100	-------	-------	-------	-------	-------	-------
NO REPORT	75	36	4	1	7	4	5
ECONOMICS	13,150	3,981	1,302	123	547	451	205
RESEARCH AND DEVELOPMENT (A)	2,280	1,308	608	10	111	79	48
BASIC RESEARCH	648	332	115	3	23	24	14
APPLIED RESEARCH	1,484	924	475	7	83	49	28
MANAGEMENT OR ADMINISTRATION (B)	3,752	1,253	303	75	253	168	92
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	1,297	663	191	33	109	68	48
TEACHING	3,720	742	225	3	61	152	22
PRODUCTION AND INSPECTION	1,118	128	29	17	57	11	19
OTHER	1,097	411	91	10	44	23	13
NOT EMPLOYED	719	-------	-------	-------	-------	-------	-------
NO REPORT	464	139	46	8	21	18	11
SOCIOLOGY	3,640	1,363	112	8	95	417	564
RESEARCH AND DEVELOPMENT (A)	796	508	56	3	36	105	231
BASIC RESEARCH	476	284	23	2	23	67	139
APPLIED RESEARCH	314	220	32	1	12	38	91
MANAGEMENT OR ADMINISTRATION (B)	636	349	26	2	28	121	141
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	330	230	20	1	21	69	105
TEACHING	1,781	402	15	2	21	160	155
PRODUCTION AND INSPECTION	11	4	1	-------	1	1	1
OTHER	146	57	9	1	6	15	18
NOT EMPLOYED	135	-------	-------	-------	-------	-------	-------
NO REPORT	135	43	5	-------	3	15	18

Appendix Table A–40. Number of scientists receiving Federal support, by field, primary work activity, and program, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	GOVERNMENTAL PROGRAMS					NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	INTERNATIONAL	NATURAL RESOURCES	PUBLIC WORKS	SPACE	OTHER			
AGRICULTURAL SCIENCES	116	3,350	206	32	615	2,608	106	280
RESEARCH AND DEVELOPMENT (A)	24	609	24	13	130	471	43	16
BASIC RESEARCH	5	183	6	7	45	74	14	3
APPLIED RESEARCH	18	372	12	5	78	353	29	12
MANAGEMENT OR ADMINISTRATION (B)	65	2,207	130	11	355	1,401	25	22
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	41	435	23	7	78	253	7	6
TEACHING	10	122	5	1	33	248	21	20
PRODUCTION AND INSPECTION	1	82	5	1	18	132	1	2
OTHER	9	239	35	5	50	242	10	5
NOT EMPLOYED	—	—	—	—	—	—	—	188
NO REPORT	7	91	7	1	29	114	6	27
BIOLOGICAL SCIENCES	322	1,139	47	602	1,449	9,086	588	2,192
RESEARCH AND DEVELOPMENT (A)	100	467	10	303	574	2,102	236	284
BASIC RESEARCH	62	318	4	222	479	915	159	236
APPLIED RESEARCH	34	142	4	80	92	1,088	72	45
MANAGEMENT OR ADMINISTRATION (B)	131	321	21	181	270	1,829	33	76
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	92	194	10	152	159	882	15	42
TEACHING	52	235	5	76	389	3,379	192	253
PRODUCTION AND INSPECTION	2	20	2	4	24	285	17	8
OTHER	24	51	6	20	110	1,115	80	59
NOT EMPLOYED	—	—	—	—	—	—	—	1,348
NO REPORT	13	45	3	18	82	376	30	164
PSYCHOLOGY	158	18	21	354	1,434	8,688	928	1,262
RESEARCH AND DEVELOPMENT (A)	41	5	3	181	370	1,339	245	122
BASIC RESEARCH	20	4	—	77	161	245	22	63
APPLIED RESEARCH	19	—	3	79	199	1,068	219	59
MANAGEMENT OR ADMINISTRATION (B)	62	5	14	109	346	1,498	85	53
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	43	4	9	80	136	289	6	16
TEACHING	18	1	—	32	181	2,484	170	137
PRODUCTION AND INSPECTION	—	1	—	2	—	6	1	1
OTHER	35	5	3	23	494	3,107	403	108
NOT EMPLOYED	—	—	—	—	—	—	—	749
NO REPORT	2	1	1	7	43	254	24	92
STATISTICS	53	50	32	211	385	1,193	75	164
RESEARCH AND DEVELOPMENT (A)	9	16	9	87	133	245	20	16
BASIC RESEARCH	2	1	4	12	34	39	10	11
APPLIED RESEARCH	6	12	4	65	77	161	9	4
MANAGEMENT OR ADMINISTRATION (B)	26	16	11	50	115	285	7	12
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	13	9	8	32	54	123	4	9
TEACHING	4	9	2	18	35	324	30	17
PRODUCTION AND INSPECTION	5	4	6	30	47	188	9	2
OTHER	8	5	4	24	37	127	6	5
NOT EMPLOYED	—	—	—	—	—	—	—	100
NO REPORT	1	—	—	2	18	24	3	12
ECONOMICS	573	485	193	217	1,169	7,837	257	1,075
RESEARCH AND DEVELOPMENT (A)	165	189	65	22	334	844	64	64
BASIC RESEARCH	42	37	15	7	124	258	28	30
APPLIED RESEARCH	108	140	45	14	198	495	34	31
MANAGEMENT OR ADMINISTRATION (B)	207	157	55	124	412	2,415	25	59
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	107	101	31	58	247	613	5	16
TEACHING	79	60	21	12	215	2,742	110	126
PRODUCTION AND INSPECTION	12	7	7	36	21	947	27	16
OTHER	89	55	32	16	148	640	20	26
NOT EMPLOYED	—	—	—	—	—	—	—	719
NO REPORT	21	17	13	7	39	249	11	65
SOCIOLOGY	118	19	21	21	382	1,900	52	325
RESEARCH AND DEVELOPMENT (A)	41	8	7	10	136	242	7	39
BASIC RESEARCH	23	5	2	5	64	155	5	32
APPLIED RESEARCH	18	3	5	4	70	86	1	7
MANAGEMENT OR ADMINISTRATION (B)	46	7	9	3	122	251	4	32
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	34	4	7	1	80	81	2	17
TEACHING	24	1	1	3	98	1,262	36	81
PRODUCTION AND INSPECTION	—	—	—	2	—	6	1	—
OTHER	5	2	4	2	18	77	3	9
NOT EMPLOYED	—	—	—	—	—	—	—	135
NO REPORT	2	1	—	1	8	62	1	29

Appendix Table A–40. Number of scientists receiving Federal support, by field, primary work activity, and program, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	TOTAL	NUMBER RECEIVING SUPPORT	GOVERNMENTAL PROGRAMS				
			AGRICULTURE	ATOMIC ENERGY	DEFENSE	EDUCATION	HEALTH
ANTHROPOLOGY	919	366	12	2	22	81	116
RESEARCH AND DEVELOPMENT (A)	203	122	4	———	13	19	52
BASIC RESEARCH	185	107	3	———	8	13	47
APPLIED RESEARCH	18	15	1	———	5	6	5
MANAGEMENT OR ADMINISTRATION (B)	109	59	4	1	6	20	8
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	69	43	4	1	6	17	8
TEACHING	479	153	3	1	1	35	52
PRODUCTION AND INSPECTION	———	———	———	———	———	———	———
OTHER	48	22	———	———	2	5	2
NOT EMPLOYED	41	———	———	———	———	———	———
NO REPORT	39	10	1	———	———	2	2
LINGUISTICS	1,269	396	1	1	89	220	42
RESEARCH AND DEVELOPMENT (A)	233	124	———	———	43	50	21
BASIC RESEARCH	152	79	———	———	22	35	15
APPLIED RESEARCH	80	44	———	———	21	14	6
MANAGEMENT OR ADMINISTRATION (B)	130	65	———	———	14	32	5
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	45	28	———	———	6	12	5
TEACHING	628	163	———	———	19	119	12
PRODUCTION AND INSPECTION	———	———	———	———	———	———	———
OTHER	72	30	1	1	7	12	3
NOT EMPLOYED	146	———	———	———	———	———	———
NO REPORT	60	14	———	———	6	7	1
OTHER FIELDS	18,160	5,944	170	816	2,475	1,206	385
RESEARCH AND DEVELOPMENT (A)	3,453	1,492	36	251	760	54	87
BASIC RESEARCH	363	231	1	40	80	18	30
APPLIED RESEARCH	1,351	684	26	101	344	29	41
MANAGEMENT OR ADMINISTRATION (B)	4,586	1,901	66	296	988	183	127
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2,165	1,109	34	189	641	52	79
TEACHING	3,606	1,196	28	54	117	843	66
PRODUCTION AND INSPECTION	2,688	478	15	109	246	10	26
OTHER	1,949	639	18	79	284	54	60
NOT EMPLOYED	1,095	———	———	———	———	———	———
NO REPORT	783	238	7	27	80	62	19

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

(C) OF THIS NUMBER, 26,242 SCIENTISTS REPORTED SUPPORT FROM MORE THAN 1 FEDERAL PROGRAM, HENCE THE COLUMNS GIVING NUMBER OF SCIENTISTS BY PROGRAM DO NOT ADD TO TOTAL.

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–40. Number of scientists receiving Federal support, by field, primary work activity, and program, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND PRIMARY WORK ACTIVITY	GOVERNMENTAL PROGRAMS					NO SUPPORT	SUPPORT STATUS UNKNOWN	NO REPORT
	INTERNATIONAL	NATURAL RESOURCES	PUBLIC WORKS	SPACE	OTHER			
ANTHROPOLOGY	51	25	13	3	156	416	24	113
RESEARCH AND DEVELOPMENT (A)	18	6	5	1	50	56	7	18
BASIC RESEARCH	15	4	4	———	45	53	7	18
APPLIED RESEARCH	3	2	1	1	5	3	———	———
MANAGEMENT OR ADMINISTRATION (B)	12	9	3	2	25	44	———	6
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	8	7	3	2	16	23	———	3
TEACHING	16	8	4	———	64	276	13	37
PRODUCTION AND INSPECTION	———	———	———	———	———	———	———	———
OTHER	2	1	1	———	11	22	4	———
NOT EMPLOYED	———	———	———	———	———	———	———	41
NO REPORT	3	1	———	———	6	18	———	11
LINGUISTICS	40	1	———	8	80	633	31	209
RESEARCH AND DEVELOPMENT (A)	7	———	———	3	27	88	7	14
BASIC RESEARCH	3	———	———	2	21	59	4	10
APPLIED RESEARCH	4	———	———	1	6	29	3	4
MANAGEMENT OR ADMINISTRATION (B)	8	———	———	2	18	61	1	3
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2	———	———	2	8	15	———	2
TEACHING	16	———	———	1	21	417	20	28
PRODUCTION AND INSPECTION	———	———	———	———	———	———	———	———
OTHER	9	1	———	2	11	37	2	3
NOT EMPLOYED	———	———	———	———	———	———	———	146
NO REPORT	———	———	———	———	3	30	1	15
OTHER FIELDS	118	385	166	1,367	666	10,061	636	1,519
RESEARCH AND DEVELOPMENT (A)	18	96	22	482	117	1,784	129	48
BASIC RESEARCH	5	16	1	67	39	101	22	9
APPLIED RESEARCH	7	58	15	222	49	610	33	24
MANAGEMENT OR ADMINISTRATION (B)	48	141	65	557	187	2,563	51	71
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	18	82	23	396	76	1,012	19	25
TEACHING	16	53	12	56	156	2,098	197	115
PRODUCTION AND INSPECTION	7	28	29	97	45	2,037	132	41
OTHER	25	52	33	138	122	1,165	98	47
NOT EMPLOYED	———	———	———	———	———	———	———	1,095
NO REPORT	4	15	5	37	39	414	29	102

Appendix Table A–41. First and second work activity of scientists employed by universities and colleges, by field, 1966

SCIENTIFIC AND TECHNICAL FIELD AND FIRST WORK ACTIVITY	TOTAL	SECOND WORK ACTIVITY								NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D					
ALL FIELDS	79,461	29,931	19,590	8,871	6,719	2,583	18,569	447	9,066	-------	14,729
RESEARCH AND DEVELOPMENT (A)	28,321	5,412	1,361	3,062	1,530	1,357	14,069	203	2,970	-------	4,137
BASIC RESEARCH	22,047	3,296	-------	2,708	984	881	11,742	73	2,185	-------	3,767
APPLIED RESEARCH	5,778	1,873	1,291	181	485	428	2,271	87	722	-------	340
MANAGEMENT OR ADMINISTRATION (B)	6,857	1,818	799	858	594	343	3,307	93	663	-------	382
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	3,046	1,331	558	678	251	-------	1,085	30	228	-------	121
TEACHING	37,892	21,623	17,002	4,366	4,332	811	-------	102	5,150	-------	6,685
PRODUCTION AND INSPECTION	307	143	35	70	45	18	27	24	33	-------	35
OTHER	2,893	935	393	515	218	54	1,166	25	250	-------	299
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	3,191	-------	-------	-------	-------	-------	-------	-------	-------	-------	3,191
CHEMISTRY	14,071	4,856	3,694	1,012	866	366	3,736	141	1,352	-------	3,120
RESEARCH AND DEVELOPMENT (A)	6,702	949	154	684	270	243	3,208	79	874	-------	1,322
BASIC RESEARCH	6,163	705	-------	658	245	220	3,082	40	812	-------	1,279
APPLIED RESEARCH	502	223	148	11	23	21	124	34	58	-------	40
MANAGEMENT OR ADMINISTRATION (B)	717	222	144	69	49	34	342	18	41	-------	45
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	315	161	95	61	15	-------	105	5	22	-------	7
TEACHING	5,265	3,505	3,281	212	530	78	-------	29	419	-------	782
PRODUCTION AND INSPECTION	111	66	18	34	11	8	9	10	4	-------	11
OTHER	357	114	97	13	6	3	177	5	14	-------	41
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	919	-------	-------	-------	-------	-------	-------	-------	-------	-------	919
EARTH SCIENCES	4,460	1,964	1,544	411	387	143	671	13	466	-------	959
RESEARCH AND DEVELOPMENT (A)	1,062	143	49	143	70	66	476	3	133	-------	181
BASIC RESEARCH	887	146	-------	142	58	54	425	2	100	-------	156
APPLIED RESEARCH	173	51	48	-------	12	12	51	1	33	-------	25
MANAGEMENT OR ADMINISTRATION (B)	294	59	45	14	20	13	168	2	27	-------	18
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	123	40	30	10	7	-------	52	-------	16	-------	8
TEACHING	2,839	1,666	1,420	244	285	57	-------	4	295	-------	589
PRODUCTION AND INSPECTION	1	-------	-------	-------	-------	-------	-------	-------	1	-------	-------
OTHER	108	40	30	10	12	7	27	4	10	-------	15
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	156	-------	-------	-------	-------	-------	-------	-------	-------	-------	156
METEOROLOGY	775	311	163	125	63	37	134	5	128	-------	134
RESEARCH AND DEVELOPMENT (A)	426	112	25	64	32	30	110	4	94	-------	74
BASIC RESEARCH	305	77	-------	63	19	18	84	1	62	-------	62
APPLIED RESEARCH	119	33	24	-------	13	12	26	3	32	-------	12
MANAGEMENT OR ADMINISTRATION (B)	59	25	14	11	5	-------	22	1	6	-------	-------
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	50	21	11	10	5	-------	17	1	6	-------	-------
TEACHING	207	141	107	34	24	6	-------	-------	22	-------	20
PRODUCTION AND INSPECTION	3	2	-------	2	-------	-------	-------	-------	1	-------	-------
OTHER	42	31	17	14	2	1	2	-------	5	-------	2
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	38	-------	-------	-------	-------	-------	-------	-------	-------	-------	38
PHYSICS	11,927	4,206	2,548	920	985	431	2,529	21	1,043	-------	3,143
RESEARCH AND DEVELOPMENT (A)	5,969	1,411	225	567	324	300	2,173	8	598	-------	1,455
BASIC RESEARCH	5,126	947	-------	500	209	197	2,062	7	508	-------	1,393
APPLIED RESEARCH	656	352	178	2	92	86	95	-------	66	-------	51
MANAGEMENT OR ADMINISTRATION (B)	740	290	129	114	75	41	294	2	47	-------	32
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	449	252	104	108	34	-------	115	-------	31	-------	17
TEACHING	4,607	2,438	2,144	229	573	83	-------	7	381	-------	1,208
PRODUCTION AND INSPECTION	11	4	2	-------	2	1	1	2	1	-------	1
OTHER	173	63	48	10	11	6	61	2	16	-------	20
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	427	-------	-------	-------	-------	-------	-------	-------	-------	-------	427

Appendix Table A-41. First and second work activity of scientists employed by universities and colleges, by field, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND FIRST WORK ACTIVITY	TOTAL	SECOND WORK ACTIVITY								NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D					
MATHEMATICS	8,218	3,030	2,217	629	655	151	1,756	111	890	-------	1,776
RESEARCH AND DEVELOPMENT (A)	2,022	363	105	176	84	66	1,238	53	144	-------	140
BASIC RESEARCH	1,417	134	-------	114	28	19	1,089	6	53	-------	107
APPLIED RESEARCH	439	161	97	2	35	30	130	16	72	-------	25
MANAGEMENT OR ADMINISTRATION (B)	595	143	41	68	30	20	331	36	32	-------	23
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	227	100	19	59	10	-------	82	13	18	-------	4
TEACHING	5,095	2,438	2,042	349	520	55	-------	8	696	-------	1,433
PRODUCTION AND INSPECTION	83	34	4	15	12	7	9	8	13	-------	7
OTHER	282	52	25	21	9	3	178	6	5	-------	32
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	141	-------	-------	-------	-------	-------	-------	-------	-------	-------	141
AGRICULTURAL SCIENCES	2,501	1,062	411	620	264	126	630	28	210	-------	307
RESEARCH AND DEVELOPMENT (A)	1,105	413	253	150	82	70	455	17	94	-------	44
BASIC RESEARCH	342	147	-------	145	15	13	137	2	25	-------	16
APPLIED RESEARCH	755	263	252	3	66	56	317	15	67	-------	27
MANAGEMENT OR ADMINISTRATION (B)	415	136	24	107	70	27	149	4	20	-------	36
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	260	114	23	91	43	-------	77	1	4	-------	21
TEACHING	725	446	127	306	95	27	-------	6	86	-------	92
PRODUCTION AND INSPECTION	27	9	1	7	5	-------	3	-------	2	-------	8
OTHER	118	58	6	50	12	2	23	1	8	-------	16
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	111	-------	-------	-------	-------	-------	-------	-------	-------	-------	111
BIOLOGICAL SCIENCES	15,785	6,351	4,394	1,874	1,250	583	4,791	34	1,081	-------	2,278
RESEARCH AND DEVELOPMENT (A)	6,938	1,334	378	915	360	314	3,966	20	540	-------	718
BASIC RESEARCH	5,402	852	-------	827	267	231	3,224	12	418	-------	629
APPLIED RESEARCH	1,527	479	377	86	91	81	740	8	121	-------	88
MANAGEMENT OR ADMINISTRATION (B)	1,384	415	238	167	140	78	668	3	79	-------	79
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	702	299	167	128	62	-------	275	-------	34	-------	32
TEACHING	6,259	4,335	3,657	647	721	184	-------	8	440	-------	755
PRODUCTION AND INSPECTION	27	13	10	2	5	-------	3	-------	3	-------	3
OTHER	512	254	111	143	24	7	154	3	19	-------	58
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	665	-------	-------	-------	-------	-------	-------	-------	-------	-------	665
PSYCHOLOGY	7,849	2,832	1,466	1,291	774	364	1,755	4	1,772	-------	672
RESEARCH AND DEVELOPMENT (A)	1,663	284	61	194	156	137	926	1	234	-------	62
BASIC RESEARCH	1,076	134	-------	115	84	73	719	-------	94	-------	45
APPLIED RESEARCH	564	137	57	70	72	64	202	-------	136	-------	17
MANAGEMENT OR ADMINISTRATION (B)	1,116	247	79	156	75	58	483	1	251	-------	59
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	349	157	48	103	17	-------	129	1	39	-------	6
TEACHING	3,949	2,072	1,298	704	433	99	-------	2	1,150	-------	292
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	907	229	28	197	110	10	386	-------	137	-------	45
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	214	-------	-------	-------	-------	-------	-------	-------	-------	-------	214
STATISTICS	921	407	216	169	74	28	188	13	116	-------	123
RESEARCH AND DEVELOPMENT (A)	243	54	18	22	13	13	131	4	29	-------	12
BASIC RESEARCH	127	19	-------	17	5	5	82	-------	12	-------	9
APPLIED RESEARCH	111	34	18	4	6	6	49	2	17	-------	3
MANAGEMENT OR ADMINISTRATION (B)	79	21	3	17	5	-------	43	1	6	-------	3
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	47	15	3	12	5	-------	22	1	4	-------	-------
TEACHING	533	316	193	117	53	12	-------	6	81	-------	77
PRODUCTION AND INSPECTION	4	3	-------	2	-------	-------	-------	-------	-------	-------	1
OTHER	37	13	2	11	3	3	14	2	-------	-------	5
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	25	-------	-------	-------	-------	-------	-------	-------	-------	-------	25

Appendix Table A–41. First and second work activity of scientists employed by universities and colleges, by field, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND FIRST WORK ACTIVITY	TOTAL	SECOND WORK ACTIVITY								NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D					
ECONOMICS	5,565	2,182	1,120	998	546	153	1,058	36	921	-------	822
RESEARCH AND DEVELOPMENT (A)	972	102	42	49	40	29	656	3	112	-------	59
BASIC RESEARCH	399	45	-------	45	9	7	296	-------	28	-------	21
APPLIED RESEARCH	560	53	42	-------	31	22	357	3	82	-------	34
MANAGEMENT OR ADMINISTRATION (B)	672	110	18	64	69	38	358	12	71	-------	52
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	197	57	11	41	31	-------	80	-------	15	-------	14
TEACHING	3,617	1,928	1,050	854	431	82	-------	19	724	-------	515
PRODUCTION AND INSPECTION	11	2	-------	2	1	-------	1	-------	6	-------	1
OTHER	115	40	10	29	5	4	43	2	8	-------	17
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	178	-------	-------	-------	-------	-------	-------	-------	-------	-------	178
SOCIOLOGY	2,721	1,111	773	338	343	117	593	1	302	-------	371
RESEARCH AND DEVELOPMENT (A)	529	41	13	28	53	52	378	-------	31	-------	26
BASIC RESEARCH	377	28	-------	28	30	30	277	-------	22	-------	20
APPLIED RESEARCH	150	13	13	-------	23	22	100	-------	9	-------	5
MANAGEMENT OR ADMINISTRATION (B)	305	65	34	31	22	15	185	-------	22	-------	11
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	138	48	23	25	7	-------	63	-------	16	-------	4
TEACHING	1,722	998	724	274	261	49	-------	-------	246	-------	217
PRODUCTION AND INSPECTION	2	-------	-------	-------	1	-------	-------	1	-------	-------	-------
OTHER	60	7	2	5	6	1	30	-------	3	-------	14
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	103	-------	-------	-------	-------	-------	-------	-------	-------	-------	103
ANTHROPOLOGY	718	374	346	28	52	25	151	-------	82	-------	59
RESEARCH AND DEVELOPMENT (A)	137	3	1	2	7	7	109	-------	14	-------	4
BASIC RESEARCH	131	2	-------	2	6	6	106	-------	13	-------	4
APPLIED RESEARCH	6	1	1	-------	1	1	3	-------	1	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	60	11	9	2	4	1	35	-------	8	-------	2
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	34	9	7	2	3	-------	16	-------	6	-------	-------
TEACHING	476	355	331	24	38	16	-------	-------	57	-------	26
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	18	5	5	-------	3	1	7	-------	3	-------	-------
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	27	-------	-------	-------	-------	-------	-------	-------	-------	-------	27
LINGUISTICS	867	361	258	102	82	16	151	1	172	-------	100
RESEARCH AND DEVELOPMENT (A)	149	24	12	12	7	5	91	-------	20	-------	7
BASIC RESEARCH	114	11	-------	11	3	3	77	-------	16	-------	7
APPLIED RESEARCH	35	13	12	1	4	2	14	-------	4	-------	-------
MANAGEMENT OR ADMINISTRATION (B)	70	15	8	7	3	2	44	-------	7	-------	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	20	9	5	4	1	-------	10	-------	-------	-------	-------
TEACHING	585	320	236	83	70	8	-------	1	142	-------	52
PRODUCTION AND INSPECTION	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
OTHER	25	2	2	-------	2	1	16	-------	3	-------	2
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	38	-------	-------	-------	-------	-------	-------	-------	-------	-------	38
OTHER FIELDS	3,083	884	440	354	378	103	386	39	531	-------	865
RESEARCH AND DEVELOPMENT (A)	404	123	25	56	32	25	152	11	53	-------	33
BASIC RESEARCH	181	49	-------	41	6	5	82	3	22	-------	19
APPLIED RESEARCH	181	60	24	2	16	13	63	5	24	-------	13
MANAGEMENT OR ADMINISTRATION (B)	351	59	13	31	27	16	185	13	46	-------	21
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	135	49	12	24	11	-------	42	8	17	-------	8
TEACHING	2,013	665	392	249	298	55	-------	12	411	-------	627
PRODUCTION AND INSPECTION	27	10	-------	6	8	2	1	3	2	-------	3
OTHER	139	27	10	12	13	5	48	-------	19	-------	32
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	149	-------	-------	-------	-------	-------	-------	-------	-------	-------	149

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–42. First and second work activity of scientists employed by universities and colleges, by highest degree, 1966

HIGHEST DEGREE AND FIRST WORK ACTIVITY	TOTAL	SECOND WORK ACTIVITY								NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D					
ALL DEGREES	79,461	29,931	19,590	8,871	6,719	2,583	18,569	447	9,066	-------	14,729
RESEARCH AND DEVELOPMENT (A)	28,321	5,412	1,361	3,062	1,530	1,357	14,069	203	2,970	-------	4,137
BASIC RESEARCH	22,047	3,296	-------	2,708	984	881	11,742	73	2,185	-------	3,767
APPLIED RESEARCH	5,778	1,873	1,291	181	485	428	2,271	87	722	-------	340
MANAGEMENT OR ADMINISTRATION (B)	6,857	1,818	799	858	594	343	3,307	93	663	-------	382
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	3,046	1,331	558	678	251	-------	1,085	30	228	-------	121
TEACHING	37,892	21,623	17,002	4,366	4,332	811	-------	102	5,150	-------	6,685
PRODUCTION AND INSPECTION	307	143	35	70	45	18	27	24	33	-------	35
OTHER	2,893	935	393	515	218	54	1,166	25	250	-------	299
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	3,191	-------	-------	-------	-------	-------	-------	-------	-------	-------	3,191
PH.D. DEGREE	49,160	20,679	15,058	5,141	4,687	1,832	13,013	80	4,624	-------	6,077
RESEARCH AND DEVELOPMENT (A)	16,279	2,394	680	1,419	997	895	9,900	21	1,199	-------	1,768
BASIC RESEARCH	13,265	1,493	-------	1,305	706	632	8,439	7	953	-------	1,667
APPLIED RESEARCH	2,906	850	665	78	275	251	1,440	13	236	-------	92
MANAGEMENT OR ADMINISTRATION (B)	5,062	1,241	635	532	467	273	2,646	18	425	-------	265
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	2,220	899	429	428	194	-------	898	6	136	-------	87
TEACHING	25,006	16,741	13,666	2,971	3,094	628	-------	34	2,878	-------	2,259
PRODUCTION AND INSPECTION	31	15	3	11	8	4	2	2	4	-------	-------
OTHER	1,074	288	74	208	121	32	465	5	118	-------	77
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	1,708	-------	-------	-------	-------	-------	-------	-------	-------	-------	1,708
PROFESSIONAL MEDICAL DEGREE	3,341	1,044	340	700	264	165	1,342	1	280	-------	410
RESEARCH AND DEVELOPMENT (A)	1,773	317	53	261	89	78	1,089	-------	142	-------	136
BASIC RESEARCH	1,095	200	-------	199	57	49	660	-------	71	-------	107
APPLIED RESEARCH	675	116	53	61	31	28	428	-------	71	-------	29
MANAGEMENT OR ADMINISTRATION (B)	346	100	39	60	44	29	170	-------	20	-------	12
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	185	76	34	41	15	-------	78	-------	9	-------	7
TEACHING	783	504	207	297	118	54	-------	1	112	-------	48
PRODUCTION AND INSPECTION	1	-------	-------	-------	1	-------	-------	-------	-------	-------	-------
OTHER	239	123	41	82	12	4	83	-------	6	-------	15
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	199	-------	-------	-------	-------	-------	-------	-------	-------	-------	199
MASTER'S DEGREE	18,666	5,705	2,990	2,136	1,410	381	2,536	184	3,050	-------	5,781
RESEARCH AND DEVELOPMENT (A)	5,770	1,621	412	817	260	221	1,720	76	920	-------	1,173
BASIC RESEARCH	4,086	943	-------	717	120	108	1,382	24	601	-------	1,016
APPLIED RESEARCH	1,497	584	385	33	122	98	315	34	296	-------	146
MANAGEMENT OR ADMINISTRATION (B)	1,047	325	83	192	51	28	403	39	152	-------	77
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	421	237	64	150	23	-------	83	11	51	-------	16
TEACHING	9,977	3,393	2,356	919	1,018	111	-------	53	1,873	-------	3,640
PRODUCTION AND INSPECTION	116	51	11	30	20	8	15	7	16	-------	7
OTHER	989	315	128	178	61	13	398	9	89	-------	117
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	767	-------	-------	-------	-------	-------	-------	-------	-------	-------	767

Appendix Table A–42. First and second work activity of scientists employed by universities and colleges, by highest degree, 1966—Continued

HIGHEST DEGREE AND FIRST WORK ACTIVITY	TOTAL	SECOND WORK ACTIVITY									
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER	NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D					
BACHELOR'S DEGREE	7,720	2,324	1,106	834	327	189	1,571	158	1,040	-------	2,300
RESEARCH AND DEVELOPMENT (A)	4,230	1,027	207	532	170	151	1,267	94	676	-------	996
BASIC RESEARCH	3,409	633	-------	462	96	87	1,178	38	541	-------	923
APPLIED RESEARCH	645	305	181	7	52	47	78	36	111	-------	63
MANAGEMENT OR ADMINISTRATION (B)	362	136	35	68	31	13	80	32	58	-------	25
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	195	105	24	54	18	-------	24	12	27	-------	9
TEACHING	1,966	896	701	164	89	15	-------	13	264	-------	704
PRODUCTION AND INSPECTION	128	67	19	26	13	5	8	10	11	-------	19
OTHER	565	198	144	44	24	5	216	9	31	-------	87
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	469	-------	-------	-------	-------	-------	-------	-------	-------	-------	469
LESS THAN BACHELOR'S DEGREE	90	25	7	8	7	3	10	8	21	-------	19
RESEARCH AND DEVELOPMENT (A)	48	15	2	7	5	3	7	4	11	-------	6
BASIC RESEARCH	22	5	-------	4	1	1	6	1	4	-------	5
APPLIED RESEARCH	17	7	2	-------	2	1	1	2	4	-------	1
MANAGEMENT OR ADMINISTRATION (B)	9	3	1	1	-------	-------	1	1	3	-------	1
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	6	3	1	1	-------	-------	-------	-------	2	-------	1
TEACHING	7	2	2	-------	1	-------	-------	-------	3	-------	1
PRODUCTION AND INSPECTION	14	3	1	-------	1	-------	1	2	1	-------	6
OTHER	7	2	1	-------	-------	-------	1	1	3	-------	-------
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	5	-------	-------	-------	-------	-------	-------	-------	-------	-------	5
NO REPORT OF DEGREE	484	154	89	52	24	13	97	16	51	-------	142
RESEARCH AND DEVELOPMENT (A)	221	38	7	26	9	9	86	8	22	-------	58
BASIC RESEARCH	170	22	-------	21	4	4	77	3	15	-------	49
APPLIED RESEARCH	38	11	5	2	3	3	9	2	4	-------	9
MANAGEMENT OR ADMINISTRATION (B)	31	13	6	5	1	-------	7	3	5	-------	2
MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT	19	11	6	4	1	-------	2	1	3	-------	1
TEACHING	153	87	70	15	12	3	-------	1	20	-------	33
PRODUCTION AND INSPECTION	17	7	1	3	2	1	1	3	1	-------	3
OTHER	19	9	5	3	-------	-------	3	1	3	-------	3
NOT EMPLOYED	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
NO REPORT	43	-------	-------	-------	-------	-------	-------	-------	-------	-------	43

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–43. Number of university and college teachers, by field, highest degree, and academic rank, 1966

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	TOTAL	ACADEMIC RANK									NO REPORT OF ACADEMIC RANK
		DEAN	PROFESSOR	ASSOCIATE PROFESSOR	ASSISTANT PROFESSOR	INSTRUCTOR	LECTURER	RESEARCH ASSOCIATE	RESEARCH ASSISTANT	OTHER	
ALL FIELDS	56,461	139	14,829	12,150	14,572	5,068	848	219	3,902	622	4,112
PH.D.	38,019	109	13,085	9,959	10,556	991	501	145	147	176	2,350
PROFESSIONAL MEDICAL	2,125	8	760	569	496	132	2	11	7	11	129
MASTER'S	12,513	14	788	1,457	3,175	3,395	279	46	1,914	298	1,147
BACHELOR'S	3,537	6	117	112	293	528	61	14	1,814	131	461
LESS THAN BACHELOR'S	17	------	------	2	4	3	1	1	2	1	3
NO REPORT	250	2	79	51	48	19	4	2	18	5	22
CHEMISTRY	9,001	15	2,090	1,680	2,024	587	70	35	1,222	188	1,090
PH.D.	6,155	11	1,952	1,494	1,714	178	48	27	50	57	624
PROFESSIONAL MEDICAL	144	------	37	36	51	9	------	1	1	1	8
MASTER'S	1,182	------	71	127	188	268	14	------	261	50	203
BACHELOR'S	1,472	3	17	17	60	129	8	6	905	78	249
LESS THAN BACHELOR'S	3	------	------	------	1	------	------	1	------	------	1
NO REPORT	45	1	13	6	10	3	------	------	5	2	5
EARTH SCIENCES	3,510	9	836	704	870	373	68	7	526	7	110
PH.D.	2,089	9	776	595	576	27	27	4	6	3	66
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------	------	------
MASTER'S	1,018	------	45	96	265	306	29	1	243	3	30
BACHELOR'S	390	------	14	10	27	39	11	2	274	1	12
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	13	------	1	3	2	1	1	------	3	------	2
METEORULOGY	341	1	96	67	70	33	10	5	27	1	31
PH.D.	218	1	83	53	48	4	1	3	4	------	21
PROFESSIONAL MEDICAL	1	------	1	------	------	------	------	------	------	------	------
MASTER'S	92	------	10	9	19	26	7	2	13	------	6
BACHELOR'S	27	------	2	4	3	3	2	------	9	1	3
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	3	------	------	1	------	------	------	------	1	------	1
PHYSICS	7,136	16	1,691	1,322	1,832	793	139	63	824	30	426
PH.D.	4,513	15	1,552	1,082	1,364	155	88	57	32	10	158
PROFESSIONAL MEDICAL	3	------	2	------	1	------	------	------	------	------	------
MASTER'S	1,928	1	117	214	413	516	39	5	415	12	196
BACHELOR'S	660	------	12	19	48	118	12	1	373	8	69
LESS THAN BACHELOR'S	3	------	------	------	1	1	------	------	1	------	------
NO REPORT	29	------	8	7	5	3	------	------	3	------	3
MATHEMATICS	6,851	11	1,333	1,163	2,000	1,181	99	32	564	128	340
PH.D.	3,584	8	1,179	832	1,168	173	44	6	20	17	137
PROFESSIONAL MEDICAL	2	------	1	------	1	------	------	------	------	------	------
MASTER'S	2,986	2	128	311	794	923	44	23	487	98	176
BACHELOR'S	226	1	12	8	28	79	8	2	53	11	24
LESS THAN BACHELOR'S	6	------	------	1	1	1	1	------	------	1	1
NO REPORT	47	------	13	11	8	5	2	1	4	1	2
AGRICULTURAL SCIENCES	1,355	5	451	337	251	69	11	3	30	44	154
PH.D.	891	4	376	260	166	2	4	1	------	6	72
PROFESSIONAL MEDICAL	2	------	2	------	------	------	------	------	------	------	------
MASTER'S	363	------	61	59	75	49	6	2	17	25	69
BACHELOR'S	94	------	10	17	9	18	1	------	13	13	13
LESS THAN BACHELOR'S	1	------	------	1	------	------	------	------	------	------	------
NO REPORT	4	1	2	------	1	------	------	------	------	------	------
BIOLOGICAL SCIENCES	11,050	32	3,395	2,783	2,809	693	93	51	339	49	806
PH.D.	7,568	22	2,597	2,092	2,043	199	73	35	13	22	472
PROFESSIONAL MEDICAL	1,959	8	712	529	441	123	1	10	5	10	120
MASTER'S	1,232	1	69	141	284	329	15	5	214	12	162
BACHELOR'S	257	1	10	15	30	40	4	1	105	4	47
LESS THAN BACHELOR'S	2	------	------	------	------	------	------	------	1	------	1
NO REPORT	32	------	7	6	11	2	------	------	1	1	4

Appendix Table A-43. Number of university and college teachers, by field, highest degree, and academic rank, 1966—Continued

SCIENTIFIC AND TECHNICAL FIELD AND HIGHEST DEGREE	TOTAL	ACADEMIC RANK									NO REPORT OF ACADEMIC RANK
		DEAN	PROFESSOR	ASSOCIATE PROFESSOR	ASSISTANT PROFESSOR	INSTRUCTOR	LECTURER	RESEARCH ASSOCIATE	RESEARCH ASSISTANT	OTHER	
PSYCHOLOGY	5,744	------	1,477	1,488	1,748	319	124	2	59	18	509
PH.D.	5,003	------	1,440	1,405	1,521	117	97	2	7	8	406
PROFESSIONAL MEDICAL	9	------	3	3	2	------	------	------	------	------	1
MASTER'S	690	------	27	79	216	197	22	------	44	9	96
BACHELOR'S	40	------	6	------	9	5	5	------	8	1	6
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	2	------	1	1	------	------	------	------	------	------	------
STATISTICS	721	3	197	158	206	58	16	3	35	10	35
PH.D.	510	2	182	130	153	7	9	1	2	2	22
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------	------	------
MASTER'S	192	------	9	24	52	49	7	1	31	6	13
BACHELOR'S	15	1	3	3	1	2	------	1	2	2	------
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	4	------	3	1	------	------	------	------	------	------	------
ECONOMICS	4,675	29	1,531	1,060	1,212	372	75	6	118	71	201
PH.D.	3,297	23	1,363	902	760	55	32	------	6	31	125
PROFESSIONAL MEDICAL	1	------	------	------	------	------	------	------	1	------	------
MASTER'S	1,212	6	135	143	400	281	36	5	100	40	66
BACHELOR'S	129	------	18	6	48	33	6	1	10	------	7
LESS THAN BACHELOR'S	1	------	------	------	------	1	------	------	------	------	------
NO REPORT	35	------	15	9	4	2	1	------	1	------	3
SOCIOLOGY	2,315	9	756	367	604	130	63	3	11	15	157
PH.D.	1,926	7	724	493	482	40	39	3	2	12	124
PROFESSIONAL MEDICAL	1	------	------	1	------	------	------	------	------	------	------
MASTER'S	372	2	28	71	117	89	23	------	9	1	32
BACHELOR'S	11	------	2	2	4	1	1	------	------	1	------
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	5	------	2	------	1	------	------	------	------	1	1
ANTHROPOLOGY	627	1	187	177	181	11	18	4	2	2	44
PH.D.	588	1	178	169	170	7	16	3	1	2	41
PROFESSIONAL MEDICAL	2	------	1	------	------	------	1	------	------	------	------
MASTER'S	28	------	4	5	10	3	1	1	1	------	3
BACHELOR'S	6	------	2	3	------	1	------	------	------	------	------
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	3	------	2	------	1	------	------	------	------	------	------
LINGUISTICS	736	1	202	181	209	59	27	1	29	6	21
PH.D.	546	1	187	168	155	8	9	1	1	------	14
PROFESSIONAL MEDICAL	------	------	------	------	------	------	------	------	------	------	------
MASTER'S	143	------	6	9	44	40	16	------	16	4	6
BACHELOR'S	32	------	1	1	6	8	2	------	12	2	------
LESS THAN BACHELOR'S	------	------	------	------	------	------	------	------	------	------	------
NO REPORT	17	------	8	3	2	3	------	------	------	------	1
OTHER FIELDS	2,399	7	587	463	556	390	35	4	116	53	188
PH.D.	1,133	5	496	284	236	19	14	2	3	6	68
PROFESSIONAL MEDICAL	1	------	1	------	------	------	------	------	------	------	------
MASTER'S	1,075	2	78	169	296	319	20	1	63	38	89
BACHELOR'S	178	------	8	7	10	52	1	------	50	9	31
LESS THAN BACHELOR'S	1	------	------	------	1	------	------	------	------	------	------
NO REPORT	11	------	4	3	3	------	------	1	------	------	------

NOTE - INCLUDES SCIENTISTS REPORTING UNIVERSITY AND COLLEGE TEACHING AS A FIRST OR SECOND WORK ACTIVITY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A-44. Median annual salaries of university and college teachers, by field, salary base, and academic rank, 1966

SCIENTIFIC AND TECHNICAL FIELD AND SALARY BASE	TOTAL	ACADEMIC RANK									NO REPORT OF ACADEMIC RANK
		DEAN	PROFESSOR	ASSOCIATE PROFESSOR	ASSISTANT PROFESSOR	INSTRUCTOR	LECTURER	RESEARCH ASSOCIATE	RESEARCH ASSISTANT	OTHER	
ALL FIELDS	10,800	18,000	14,800	11,000	9,000	7,400	9,400	9,000	5,400	9,600	10,900
ACADEMIC YEAR BASE	9,900	------	13,500	10,400	8,700	7,100	8,600	------	4,300	8,500	10,000
CALENDAR YEAR BASE	12,800	18,000	16,700	13,000	10,800	8,300	10,500	9,000	6,500	10,000	12,000
NO REPORT	11,000	------	15,000	11,300	9,000	7,500	10,000	------	------	9,400	10,500
CHEMISTRY	10,800	------	14,500	11,000	9,000	7,500	8,700	8,000	3,100	8,300	10,600
ACADEMIC YEAR BASE	9,700	------	12,800	10,000	8,600	7,200	------	------	2,400	------	9,900
CALENDAR YEAR BASE	12,600	------	17,000	13,000	11,000	8,000	------	8,000	5,000	8,200	12,400
NO REPORT	10,500	------	14,500	11,300	9,000	8,000	------	------	------	------	10,000
EARTH SCIENCES	10,000	------	14,000	10,500	8,600	7,200	8,000	------	------	------	11,400
ACADEMIC YEAR BASE	9,500	------	13,200	10,000	8,500	7,000	------	------	------	------	10,500
CALENDAR YEAR BASE	12,000	------	15,500	12,300	9,600	7,500	------	------	------	------	12,500
NO REPORT	10,300	------	14,200	11,000	8,700	------	------	------	------	------	------
PETROLOGY	12,000	------	15,200	12,000	9,300	------	------	------	------	------	12,000
ACADEMIC YEAR BASE	10,600	------	14,100	10,800	8,700	------	------	------	------	------	------
CALENDAR YEAR BASE	12,700	------	18,400	------	12,000	------	------	------	------	------	------
NO REPORT	11,000	------	------	------	------	------	------	------	------	------	------
PHYSICS	10,400	------	15,000	11,000	9,100	7,300	9,600	9,000	5,400	------	10,000
ACADEMIC YEAR BASE	10,000	------	14,300	10,600	9,000	7,200	8,000	------	------	------	9,600
CALENDAR YEAR BASE	12,000	------	17,600	13,700	10,800	8,300	10,200	9,000	------	------	11,000
NO REPORT	10,800	------	15,000	11,900	9,300	7,800	------	------	------	------	10,500
MATHEMATICS	9,600	------	14,800	11,000	9,000	7,200	9,000	------	------	9,200	9,400
ACADEMIC YEAR BASE	9,400	------	14,300	11,000	8,900	7,000	8,800	------	------	8,500	9,200
CALENDAR YEAR BASE	11,500	------	17,000	13,000	10,000	7,800	------	------	------	------	10,100
NO REPORT	9,700	------	14,000	11,000	8,500	7,200	------	------	------	------	9,500
AGRICULTURAL SCIENCES	12,000	------	14,800	11,500	10,000	7,800	------	------	------	10,900	12,000
ACADEMIC YEAR BASE	9,400	------	12,000	9,900	8,500	------	------	------	------	------	------
CALENDAR YEAR BASE	12,100	------	15,000	11,800	10,000	7,800	------	------	------	11,600	12,200
NO REPORT	10,500	------	------	------	------	------	------	------	------	------	------
BIOLOGICAL SCIENCES	12,000	19,500	15,800	12,000	9,900	7,800	10,200	9,000	6,000	8,000	11,000
ACADEMIC YEAR BASE	9,800	------	12,800	10,000	8,500	7,000	------	------	------	------	9,900
CALENDAR YEAR BASE	13,800	20,000	17,800	13,600	11,300	9,000	10,700	9,000	6,500	8,000	12,100
NO REPORT	12,800	------	16,800	13,000	10,000	7,500	------	------	------	------	10,300
PSYCHOLOGY	10,500	------	14,000	11,000	9,000	7,900	9,900	------	------	------	11,000
ACADEMIC YEAR BASE	10,000	------	13,300	10,400	8,700	7,200	8,500	------	------	------	10,500
CALENDAR YEAR BASE	12,000	------	15,600	12,500	10,600	8,900	10,500	------	------	------	12,000
NO REPORT	11,000	------	15,000	11,000	9,000	------	------	------	------	------	------
STATISTICS	11,400	------	15,500	11,500	9,400	7,000	------	------	------	------	10,500
ACADEMIC YEAR BASE	10,100	------	15,000	11,000	9,000	7,000	------	------	------	------	------
CALENDAR YEAR BASE	13,200	------	16,000	13,500	11,000	------	------	------	------	------	------
NO REPORT	11,200	------	------	------	------	------	------	------	------	------	------
ECONOMICS	11,000	17,900	14,800	11,200	9,300	7,500	9,000	------	------	11,400	11,000
ACADEMIC YEAR BASE	10,400	------	14,000	10,800	9,000	7,500	9,000	------	------	------	10,100
CALENDAR YEAR BASE	13,000	------	16,000	12,700	10,500	8,000	------	------	------	12,600	13,300
NO REPORT	11,300	------	14,900	11,000	9,100	------	------	------	------	------	------
SOCIOLOGY	10,500	------	13,600	10,400	9,000	7,500	9,600	------	------	------	11,000
ACADEMIC YEAR BASE	10,000	------	13,100	10,000	8,700	7,400	------	------	------	------	10,500
CALENDAR YEAR BASE	12,500	------	15,700	13,000	10,500	------	------	------	------	------	11,500
NO REPORT	11,000	------	13,000	------	------	------	------	------	------	------	------
ANTHROPOLOGY	11,000	------	15,000	11,000	8,800	------	------	------	------	------	13,100
ACADEMIC YEAR BASE	10,600	------	15,000	10,600	8,700	------	------	------	------	------	13,800
CALENDAR YEAR BASE	12,500	------	16,000	13,200	9,300	------	------	------	------	------	------
NO REPORT	------	------	------	------	------	------	------	------	------	------	------
LINGUISTICS	10,000	------	14,200	10,300	8,700	7,200	------	------	------	------	------
ACADEMIC YEAR BASE	10,000	------	14,500	10,400	8,600	7,100	------	------	------	------	------
CALENDAR YEAR BASE	10,300	------	14,000	10,500	9,600	------	------	------	------	------	------
NO REPORT	8,900	------	------	------	------	------	------	------	------	------	------
OTHER FIELDS	10,000	------	13,700	10,600	8,800	7,200	------	------	------	9,100	10,400
ACADEMIC YEAR BASE	9,400	------	12,800	10,300	8,500	7,200	------	------	------	------	9,500
CALENDAR YEAR BASE	12,000	------	16,200	12,700	10,000	7,500	------	------	------	------	12,000
NO REPORT	10,000	------	13,700	10,100	------	6,700	------	------	------	------	------

NOTE - NO MEDIAN WAS COMPUTED FOR ANY GROUP WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–45. Number of university and college teachers, by State and field, 1966

STATE	TOTAL	SCIENTIFIC AND TECHNICAL FIELD					
		CHEMISTRY	EARTH SCIENCES	METEOROLOGY	PHYSICS	MATHEMATICS	AGRICULTURAL SCIENCES
ALL LOCATIONS	56,461	9,001	3,510	341	7,136	6,851	1,355
ALABAMA	520	97	16	------	50	72	22
ALASKA	59	7	15	4	9	6	1
ARIZONA	576	79	64	6	73	53	23
ARKANSAS	290	62	17	1	28	25	16
CALIFORNIA	5,585	737	425	37	784	677	111
COLORADO	832	123	70	15	105	99	32
CONNECTICUT	980	142	44	3	141	114	15
DELAWARE	145	30	8	------	20	16	5
DISTRICT OF COLUMBIA	529	71	19	1	74	58	------
FLORIDA	1,145	166	77	16	145	133	27
GEORGIA	829	135	40	6	103	99	29
HAWAII	238	33	21	8	17	16	8
IDAHO	211	39	22	2	17	22	22
ILLINOIS	3,222	523	206	15	398	407	53
INDIANA	1,769	321	83	3	215	248	40
IOWA	1,109	189	54	4	133	110	38
KANSAS	853	156	55	3	75	89	22
KENTUCKY	646	110	25	1	67	79	24
LOUISIANA	859	154	63	2	76	118	38
MAINE	235	34	16	------	29	33	14
MARYLAND	946	141	36	5	150	130	20
MASSACHUSETTS	2,611	434	124	15	446	321	19
MICHIGAN	2,520	399	159	15	269	311	62
MINNESOTA	1,216	194	73	11	126	175	38
MISSISSIPPI	309	44	19	------	27	40	21
MISSOURI	1,226	204	84	11	119	141	28
MONTANA	250	32	28	------	20	37	19
NEBRASKA	477	79	25	2	51	64	19
NEVADA	111	18	11	------	13	7	9
NEW HAMPSHIRE	333	59	20	6	37	36	7
NEW JERSEY	1,241	208	60	7	212	172	25
NEW MEXICO	332	52	31	5	42	50	11
NEW YORK	5,971	930	255	37	886	685	63
NORTH CAROLINA	1,336	211	64	2	118	160	44
NORTH DAKOTA	198	43	23	2	10	25	13
OHIO	2,481	432	181	1	351	268	30
OKLAHOMA	633	99	35	6	65	92	23
OREGON	823	118	83	8	73	92	46
PENNSYLVANIA	3,241	587	177	19	415	378	48
RHODE ISLAND	355	65	29	------	53	40	11
SOUTH CAROLINA	425	83	21	1	51	68	18
SOUTH DAKOTA	254	44	15	1	22	34	20
TENNESSEE	917	155	50	2	108	96	18
TEXAS	2,121	325	178	21	277	273	48
UTAH	501	72	34	8	56	55	22
VERMONT	222	36	15	------	28	19	13
VIRGINIA	914	152	40	------	120	120	11
WASHINGTON	1,168	174	101	8	122	142	43
WEST VIRGINIA	346	74	13	1	30	38	15
WISCONSIN	1,567	248	117	17	197	217	32
WYOMING	138	25	12	1	13	19	10
CANAL ZONE	1	1	------	------	------	------	------
PUERTO RICO	104	19	4	1	12	9	------
VIRGIN ISLANDS	1	1	------	------	------	------	------
GUAM	1	------	------	------	------	------	------
FOREIGN	539	35	53	1	58	63	9

NOTE - INCLUDES SCIENTISTS REPORTING UNIVERSITY OR COLLEGE TEACHING AS A FIRST OR SECOND WORK ACTIVITY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–45. Number of university and college teachers, by State and field, 1966—Continued

STATE	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	ANTHRO-POLOGY	LINGUISTICS	OTHER FIELDS
ALL LOCATIONS	11,050	5,744	721	4,675	2,315	627	736	2,399
ALABAMA	126	38	6	39	23	1	-------	30
ALASKA	6	4	-------	4	-------	2	1	-------
ARIZONA	86	65	8	54	20	12	5	28
ARKANSAS	67	23	4	26	8	-------	-------	13
CALIFORNIA	1,105	600	59	447	211	77	93	222
COLORADO	152	86	13	57	28	12	6	34
CONNECTICUT	194	113	12	97	46	12	14	33
DELAWARE	25	16	1	13	4	-------	1	6
DISTRICT OF COLUMBIA	106	55	10	54	28	12	19	22
FLORIDA	216	139	10	88	50	5	11	62
GEORGIA	181	85	11	73	33	4	2	28
HAWAII	54	18	-------	15	17	6	15	10
IDAHO	42	18	-------	15	4	-------	1	7
ILLINOIS	578	326	31	306	142	43	54	140
INDIANA	290	195	19	161	68	12	32	82
IOWA	240	106	24	109	44	6	11	41
KANSAS	178	89	11	91	22	9	12	41
KENTUCKY	149	63	4	49	37	9	2	27
LOUISIANA	198	66	7	58	26	6	9	38
MAINE	40	22	4	21	9	1	2	10
MARYLAND	232	88	17	58	27	4	3	35
MASSACHUSETTS	428	271	24	249	120	33	29	98
MICHIGAN	431	287	42	210	117	34	46	138
MINNESOTA	236	141	18	95	50	7	10	42
MISSISSIPPI	75	28	1	29	12	-------	2	11
MISSOURI	267	98	15	135	52	10	6	56
MONTANA	45	19	5	18	9	3	1	14
NEBRASKA	105	45	5	43	15	3	3	18
NEVADA	15	13	-------	16	2	2	2	3
NEW HAMPSHIRE	74	21	1	41	13	4	1	13
NEW JERSEY	198	106	25	94	42	8	9	75
NEW MEXICO	52	23	5	22	11	12	3	13
NEW YORK	1,173	690	77	440	266	82	101	286
NORTH CAROLINA	351	118	27	105	65	13	14	44
NORTH DAKOTA	43	10	2	15	4	-------	2	6
OHIO	451	282	22	196	127	17	25	98
OKLAHOMA	140	53	12	47	19	3	-------	39
OREGON	160	84	14	67	28	14	8	28
PENNSYLVANIA	612	342	51	274	124	38	50	126
RHODE ISLAND	51	41	5	24	14	4	7	11
SOUTH CAROLINA	81	29	3	39	14	1	2	14
SOUTH DAKOTA	54	17	3	18	11	1	1	13
TENNESSEE	244	95	7	68	29	5	5	35
TEXAS	421	176	39	161	78	14	29	81
UTAH	128	42	12	28	18	6	6	14
VERMONT	54	19	2	18	8	3	-------	7
VIRGINIA	213	85	13	77	26	5	7	45
WASHINGTON	226	113	10	94	50	18	19	48
WEST VIRGINIA	81	24	2	35	17	-------	1	15
WISCONSIN	272	138	14	125	67	24	22	77
WYOMING	20	12	3	10	3	2	-------	8
CANAL ZONE	-------	-------	-------	-------	-------	-------	-------	-------
PUERTO RICO	12	8	4	13	7	3	9	3
VIRGIN ISLANDS	-------	-------	-------	-------	-------	-------	-------	-------
GUAM	1	-------	-------	-------	-------	-------	-------	-------
FOREIGN	71	99	7	34	50	25	23	11

Appendix Table A–46. Number of university and college teachers, by State and academic rank, 1966

STATE	TOTAL	ACADEMIC RANK									NO REPORT OF ACADEMIC RANK
		DEAN	PROFESSOR	ASSOCIATE PROFESSOR	ASSISTANT PROFESSOR	INSTRUCTOR	LECTURER	RESEARCH ASSOCIATE	RESEARCH ASSISTANT	OTHER	
ALL LOCATIONS	56,461	139	14,829	12,150	14,572	5,068	848	219	3,902	622	4,112
ALABAMA	520	1	159	135	108	52	1	--------	26	4	34
ALASKA	59	--------	10	16	25	2	--------	--------	5	1	--------
ARIZONA	576	--------	172	119	114	35	5	4	68	10	49
ARKANSAS	290	--------	95	63	71	26	1	--------	7	3	24
CALIFORNIA	5,585	8	1,490	1,056	1,398	437	186	13	412	93	492
COLORADO	832	2	197	196	224	79	7	3	55	6	63
CONNECTICUT	980	2	237	211	298	91	18	10	48	4	61
DELAWARE	145	1	31	29	49	12	1	1	17	--------	4
DISTRICT OF COLUMBIA	529	2	139	113	153	49	11	2	21	5	34
FLORIDA	1,145	5	300	243	299	134	4	4	44	17	95
GEORGIA	829	3	245	194	237	51	1	1	37	4	56
HAWAII	238	--------	74	46	62	12	4	--------	11	4	25
IDAHO	211	--------	47	51	63	11	1	--------	17	5	16
ILLINOIS	3,222	7	897	669	748	300	30	12	308	26	225
INDIANA	1,769	8	452	404	426	138	16	5	191	21	108
IOWA	1,109	3	321	212	286	97	2	1	99	13	75
KANSAS	853	1	225	175	236	71	--------	3	72	9	61
KENTUCKY	646	3	171	140	172	86	4	1	24	4	41
LOUISIANA	859	2	234	200	213	90	2	3	61	1	53
MAINE	235	--------	60	61	69	17	2	--------	12	--------	14
MARYLAND	946	2	221	212	272	93	9	6	53	13	65
MASSACHUSETTS	2,611	6	657	503	667	264	88	30	149	43	204
MICHIGAN	2,520	7	677	514	580	199	44	11	215	55	218
MINNESOTA	1,216	3	331	241	297	139	11	14	90	11	79
MISSISSIPPI	309	3	100	69	67	28	1	--------	7	5	29
MISSOURI	1,226	3	318	279	333	112	6	3	72	11	89
MONTANA	250	--------	63	61	68	24	--------	--------	15	2	17
NEBRASKA	477	2	124	103	117	49	1	--------	40	5	36
NEVADA	111	--------	23	36	30	3	6	--------	3	1	9
NEW HAMPSHIRE	333	--------	100	61	83	47	2	--------	21	3	16
NEW JERSEY	1,241	2	328	247	318	134	35	2	94	11	70
NEW MEXICO	332	--------	85	85	93	18	2	--------	29	4	16
NEW YORK	5,971	16	1,516	1,300	1,629	540	177	36	318	54	385
NORTH CAROLINA	1,336	5	421	311	321	102	10	4	70	9	83
NORTH DAKOTA	198	2	39	52	59	17	--------	1	14	2	12
OHIO	2,481	3	594	539	694	233	13	10	204	17	174
OKLAHOMA	633	--------	180	128	131	65	3	--------	66	8	52
OREGON	823	2	241	181	208	49	4	1	81	3	53
PENNSYLVANIA	3,241	5	825	776	866	316	34	13	168	32	206
RHODE ISLAND	355	--------	100	78	98	15	3	4	29	5	23
SOUTH CAROLINA	425	2	104	124	108	25	--------	1	21	3	37
SOUTH DAKOTA	254	1	70	59	74	23	--------	1	5	3	18
TENNESSEE	917	3	240	208	258	78	1	2	56	2	69
TEXAS	2,121	8	531	460	528	206	14	5	159	27	183
UTAH	501	2	147	107	129	35	3	--------	33	3	42
VERMONT	222	--------	45	60	73	17	--------	1	4	3	19
VIRGINIA	914	5	243	225	267	69	6	3	24	8	64
WASHINGTON	1,168	4	285	231	260	117	10	2	129	15	115
WEST VIRGINIA	346	--------	88	67	99	42	2	--------	15	3	30
WISCONSIN	1,567	2	399	334	388	158	15	5	156	12	98
WYOMING	138	2	43	19	38	15	--------	--------	10	--------	11
CANAL ZONE	1	--------	--------	--------	--------	1	--------	--------	--------	--------	--------
PUERTO RICO	104	--------	28	25	21	16	2	--------	--------	2	10
VIRGIN ISLANDS	1	--------	--------	--------	--------	--------	--------	--------	--------	--------	1
GUAM	1	--------	--------	1	--------	--------	--------	--------	--------	--------	--------
FOREIGN	539	1	107	121	147	29	50	1	17	17	49

NOTE - INCLUDES SCIENTISTS REPORTING UNIVERSITY OR COLLEGE TEACHING AS A FIRST OR SECOND WORK ACTIVITY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–47. Number of scientists, by subfield and highest degree, 1966

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL SUBFIELDS	242,763	90,304	6,436	66,754	73,764	2,435	3,070
ANALYTICAL CHEMISTRY	9,968	1,871	12	2,195	5,557	134	199
INORGANIC CHEMISTRY	3,993	1,643	2	827	1,452	18	51
ORGANIC CHEMISTRY	24,234	8,941	5	4,530	10,124	224	410
RELATED CHEMICAL SPECIALTIES	5,120	739	1	1,198	3,078	42	62
AGRICULTURAL AND FOOD CHEMISTRY	3,092	910	2	608	1,489	33	50
BIOCHEMISTRY	7,498	4,553	412	961	1,482	23	67
PHYSICAL CHEMISTRY	8,356	4,724	1	1,358	2,158	27	88
CHEMISTRY, OTHER	3,656	534	8	738	2,276	40	60
GEOCHEMISTRY	498	292	------	108	93	------	5
GEODESY	153	18	------	54	69	11	1
GEOLOGY	11,759	2,190	------	3,939	5,503	82	45
PALEONTOLOGY	881	381	------	299	182	13	6
SOLID-EARTH GEOPHYSICS	2,329	318	------	449	1,425	101	36
GEOGRAPHY	2,009	730	------	923	345	------	11
HYDROLOGY	921	114	------	246	520	24	17
OCEANOGRAPHY	747	240	------	251	248	5	3
ATMOSPHERIC, LITHOSPHERIC, AND HYDROSPHERIC SPECIALTIES, OTHER	452	47	------	103	279	11	12
ATMOSPHERIC DYNAMICS, CHEMISTRY AND PHYSICS	1,144	434	------	385	304	7	14
CLIMATOLOGY	325	71	1	117	106	17	13
SYNOPTIC METEOROLOGY	3,279	63	------	549	1,784	533	350
AREA SPECIALIZATIONS	1,212	87	1	264	631	124	105
METEOROLOGICAL INSTRUMENTATION	187	9	------	57	84	26	11
METEOROLOGY, OTHER	136	4	------	32	67	20	13
ACOUSTICS	1,261	346	1	401	497	9	7
ATOMIC AND MOLECULAR PHYSICS	2,058	1,097	------	524	427	1	9
ELECTROMAGNETISM	1,559	608	1	501	438	1	10
ELEMENTARY PARTICLES	1,833	1,014	------	445	362	1	11
MECHANICS	849	230	------	313	297	1	8
NUCLEAR PHYSICS	3,357	1,711	3	1,076	748	7	12
OPTICS	2,617	658	12	860	1,020	33	34
PHYSICS OF FLUIDS	1,901	982	------	532	372	4	11
SOLID STATE PHYSICS	4,593	2,289	------	1,355	917	6	26
THERMAL PHYSICS	666	249	1	211	196	1	8
OTHER PHYSICS SPECIALTIES	4,894	1,565	1	2,092	1,201	4	31
ASTRONOMY	1,165	561	------	317	274	5	8
ELECTRONICS	1,158	304	3	374	465	2	10
PHYSICS, OTHER	1,019	236	------	437	339	------	7
ALGEBRA	2,108	689	------	1,223	175	5	16
ANALYSIS AND FUNCTIONAL ANALYSIS	3,261	1,503	------	1,551	176	3	28
GEOMETRY	878	304	------	464	93	3	14
LOGIC	475	195	------	216	53	2	9
MATHEMATICS OF RESOURCE USE	5,055	949	4	2,109	1,838	73	82
NUMBER THEORY	381	188	------	162	24	2	5
NUMERICAL METHODS AND COMPUTATIONS	8,473	815	1	3,156	3,920	273	308
TOPOLOGY	811	483	------	295	30	1	2
PROBABILITY	553	250	------	229	58	4	12
MATHEMATICS, OTHER	811	109	------	515	158	8	21
AGRONOMY	965	556	------	262	135	10	2
ANIMAL HUSBANDRY	443	228	6	124	77	5	3
FISH AND WILDLIFE	1,554	175	3	613	733	23	7
FORESTRY	4,643	246	------	1,001	3,317	46	33
RANGE MANAGEMENT	486	52	------	117	313	2	2
HORTICULTURE	764	434	------	229	94	5	2
SOIL SPECIALTIES	1,183	619	------	251	300	6	7
ANATOMY	1,027	649	204	118	47	3	6
BOTANY	2,133	1,436	------	523	164	3	7
ECOLOGY	1,354	710	4	448	190	------	2
ENTOMOLOGY	1,725	925	1	494	284	14	7
GENETICS	1,470	1,074	61	245	80	3	7
IMMUNOLOGY	974	486	279	96	99	3	11
MICROBIOLOGY	2,950	1,547	111	745	514	14	19
NUTRITION	1,139	818	44	190	81	2	4
PATHOLOGY	1,257	261	917	22	42	8	7
PHARMACOLOGY	1,839	1,198	281	155	186	5	14
PHYSIOLOGY	3,602	2,037	1,114	242	181	3	25
PLANT PATHOLOGY	950	722	1	165	60	------	2
VIROLOGY	703	428	119	83	69	2	2
ZOOLOGY	2,395	1,356	15	695	294	16	19
OTHER BIO-MEDICAL SPECIALTIES	3,827	688	2,607	219	278	14	21
BIOPHYSICS	618	400	45	99	69	------	5
BIOLOGY, OTHER	1,670	483	87	545	481	37	37

Appendix Table A–47. Number of scientists, by subfield and highest degree, 1966—Continued

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
CLINICAL PSYCHOLOGY	6,780	4,567	13	2,096	99	-------	5
COUNSELING AND GUIDANCE	2,099	1,279	-------	795	24	1	-------
DEVELOPMENTAL PSYCHOLOGY	644	482	-------	155	7	-------	-------
EDUCATIONAL PSYCHOLOGY	1,735	1,157	-------	563	15	-------	-------
ENGINEERING PSYCHOLOGY	387	207	-------	170	10	-------	-------
GENERAL PSYCHOLOGY	107	78	1	27	1	-------	-------
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	1,500	866	-------	549	78	3	4
PERSONALITY	524	446	1	68	8	-------	1
SCHOOL PSYCHOLOGY	1,221	292	-------	914	15	-------	-------
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	2,286	1,868	24	342	45	1	6
PSYCHOMETRICS	464	306	-------	145	11	-------	2
SOCIAL PSYCHOLOGY	1,032	868	2	141	20	-------	1
PSYCHOLOGY, OTHER	248	129	3	110	6	-------	-------
STATISTICS	3,042	919	-------	1,256	761	44	62
GENERAL ECONOMIC THEORY	1,266	666	1	478	102	1	18
ECONOMIC HISTORY, HISTORY OF THOUGHT	301	199	-------	88	11	-------	3
ECONOMIC SYSTEMS, DEVELOPMENT AND PLANNING	931	499	-------	334	79	-------	19
ECONOMIC STATISTICS	447	212	-------	168	54	2	11
MONETARY AND FISCAL THEORY AND INSTITUTIONS	1,152	698	-------	376	66	1	11
INTERNATIONAL ECONOMICS	633	327	1	229	58	-------	18
BUSINESS FINANCE AND ADMINISTRATION, MARKETING AND ACCOUNTING	4,861	1,171	-------	1,719	1,848	58	65
INDUSTRIAL ORGANIZATIONS, GOVERNMENT AND BUSINESS, INDUSTRY STUDIES	764	375	1	244	136	4	4
LAND ECONOMICS	474	232	-------	173	63	2	4
AGRICULTURAL ECONOMICS	1,204	657	-------	466	78	1	2
LABOR ECONOMICS	767	410	-------	251	100	4	2
POPULATION, WELFARE PROGRAMS, STANDARDS OF LIVING	275	120	-------	96	54	4	1
ECONOMICS, OTHER	75	27	-------	36	11	1	-------
SOCIO-CULTURAL THEORY	451	360	-------	84	7	-------	-------
METHODOLOGY	342	230	-------	80	21	5	6
DEMOGRAPHY AND POPULATION	256	160	1	64	29	-------	2
RURAL-URBAN SOCIOLOGY	385	300	-------	81	4	-------	-------
SOCIAL CHANGE AND DEVELOPMENT	231	185	-------	42	3	-------	1
SOCIAL ORGANIZATION, STRUCTURE, AND INSTITUTIONS	1,380	1,110	1	251	13	2	3
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	487	340	-------	143	4	-------	-------
SOCIOLOGY, OTHER	108	72	-------	35	-------	-------	1
ARCHEOLOGY	196	161	1	18	13	1	2
ETHNOLOGY	5	5	-------	-------	-------	-------	-------
HISTORY OF ANTHROPOLOGY	4	4	-------	-------	-------	-------	-------
METHODOLOGY	12	12	-------	-------	-------	-------	-------
ANTHROPOLOGICAL LINGUISTICS	26	23	-------	2	1	-------	-------
PHYSICAL ANTHROPOLOGY	61	52	2	4	2	-------	1
SOCIAL/CULTURAL ANTHROPOLOGY	584	543	-------	28	10	1	2
ANTHROPOLOGY, OTHER	31	30	-------	1	-------	-------	-------
APPLICATION TO LANGUAGE TEACHING	317	149	-------	126	38	-------	4
DESCRIPTIVE LINGUISTICS	416	240	-------	108	53	-------	15
GENERAL LINGUISTICS	87	54	-------	19	13	1	-------
HISTORICAL AND COMPARATIVE LINGUISTICS	212	158	-------	33	12	-------	9
LANGUAGE IN RELATION TO OTHER FIELDS	113	81	-------	24	6	-------	2
LANGUAGE POLICIES	6	2	-------	3	1	-------	-------
LITERACY AND WRITING SYSTEMS	7	3	-------	-------	3	-------	1
MECHANIZED APPLICATIONS	39	22	-------	13	4	-------	-------
PHONETICS	30	23	-------	6	-------	-------	1
LINGUISTICS, OTHER	42	18	-------	16	7	-------	1
OTHER SPECIALTIES	6,035	1,165	10	2,920	1,861	33	46
ENGINEERING	12,125	1,969	3	3,434	6,477	77	165

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–48. Number of scientists, by subfield and age, 1966

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	AGE										NO REPORT OF AGE
		24 AND UNDER	25–29	30–34	35–39	40–44	45–49	50–54	55–59	60–64	65–69	70 AND OVER	
ALL SUBFIELDS	242,763	9,259	38,767	40,466	41,912	36,831	28,545	19,540	12,538	7,763	3,952	2,709	481
ANALYTICAL CHEMISTRY	9,968	657	1,768	1,569	1,618	1,428	1,139	748	514	293	131	76	27
INORGANIC CHEMISTRY	3,993	385	838	655	588	467	395	235	179	128	72	42	9
ORGANIC CHEMISTRY	24,234	1,352	3,813	3,378	3,620	3,340	3,314	2,494	1,368	790	421	294	50
RELATED CHEMICAL SPECIALTIES	5,120	332	843	677	724	799	698	472	285	138	79	54	19
AGRICULTURAL AND FOOD CHEMISTRY	3,092	66	261	291	422	462	477	416	291	201	102	95	8
BIOCHEMISTRY	7,498	445	1,279	1,368	1,337	1,139	830	475	280	172	98	51	24
PHYSICAL CHEMISTRY	8,356	600	1,522	1,430	1,498	1,187	894	507	321	180	120	80	17
CHEMISTRY, OTHER	3,656	599	589	304	289	321	332	304	246	212	183	264	13
GEOCHEMISTRY	498	21	113	145	91	47	35	23	13	4	3	3	-------
GEODESY	153	2	18	33	37	20	17	6	11	6	2	1	-------
GEOLOGY	11,759	211	1,113	1,908	2,554	2,353	1,421	872	495	388	230	195	19
PALEONTOLOGY	881	35	169	175	155	102	78	44	46	41	21	15	-------
SOLID-EARTH GEOPHYSICS	2,329	53	252	338	459	494	251	219	174	61	16	10	2
GEOGRAPHY	2,009	78	359	337	339	257	223	161	107	69	42	22	15
HYDROLOGY	921	19	59	115	154	155	128	106	99	52	16	17	1
OCEANOGRAPHY	747	28	148	146	125	127	88	47	15	14	5	4	-------
ATMOSPHERIC, LITHOSPHERIC, AND HYDROSPHERIC SPECIALTIES, OTHER	452	17	37	34	68	86	53	39	36	39	22	20	1
ATMOSPHERIC DYNAMICS, CHEMISTRY AND PHYSICS	1,144	76	262	226	197	154	131	58	17	13	7	1	2
CLIMATOLOGY	325	7	29	34	54	44	69	45	23	12	5	3	-------
SYNOPTIC METEOROLOGY	3,279	178	529	464	615	432	607	269	114	49	9	8	5
AREA SPECIALIZATIONS	1,212	32	133	153	234	187	251	125	76	14	4	3	-------
METEOROLOGICAL INSTRUMENTATION	187	2	21	33	41	27	37	13	10	2	-------	1	-------
METEOROLOGY, OTHER	136	17	17	21	22	12	26	13	5	1	1	-------	1
ACOUSTICS	1,261	41	250	240	191	186	135	93	48	50	19	7	1
ATOMIC AND MOLECULAR PHYSICS	2,058	167	654	486	297	190	104	55	40	34	16	5	10
ELECTROMAGNETISM	1,559	60	349	288	271	241	118	92	63	54	18	1	4
ELEMENTARY PARTICLES	1,833	192	714	413	235	130	76	36	12	18	3	-------	4
MECHANICS	849	39	203	151	133	121	63	53	42	30	10	2	2
NUCLEAR PHYSICS	3,557	180	971	764	614	487	286	135	63	37	14	1	5
OPTICS	2,617	104	569	523	385	391	234	164	119	80	28	14	6
PHYSICS OF FLUIDS	1,901	78	452	426	346	294	165	68	36	23	8	1	4
SOLID STATE PHYSICS	4,593	215	1,307	1,045	873	585	298	114	74	55	17	4	6
THERMAL PHYSICS	666	41	221	134	98	71	40	26	16	12	4	2	1
OTHER PHYSICS SPECIALTIES	4,894	308	1,301	890	666	627	365	268	225	148	57	32	7
ASTRONOMY	1,165	79	388	206	187	102	57	51	39	35	11	7	3
ELECTRONICS	1,158	46	205	200	203	191	122	89	55	33	5	6	3
PHYSICS, OTHER	1,019	94	321	158	109	88	62	48	50	39	32	13	5
ALGEBRA	2,108	89	602	432	329	218	138	127	88	53	19	13	-------
ANALYSIS AND FUNCTIONAL ANALYSIS	3,261	99	896	645	476	336	260	182	151	131	52	32	1
GEOMETRY	878	16	178	145	116	96	79	85	58	53	33	19	-------
LOGIC	475	20	124	104	77	67	36	18	16	5	4	3	1
MATHEMATICS OF RESOURCE USE	5,055	57	875	1,061	1,043	869	518	290	190	96	39	15	2
NUMBER THEORY	381	7	95	78	61	53	33	18	19	11	2	4	-------
NUMERICAL METHODS AND COMPUTATIONS	8,473	285	2,178	2,432	1,899	988	386	173	86	25	13	5	3
TOPOLOGY	811	38	311	202	116	63	41	21	6	8	4	-------	1
PROBABILITY	553	13	118	132	112	82	41	26	20	6	2	1	-------
MATHEMATICS, OTHER	811	24	170	150	95	96	70	57	61	48	20	18	2
AGRONOMY	965	-------	55	110	172	184	187	121	64	39	24	9	-------
ANIMAL HUSBANDRY	443	-------	29	60	60	85	88	47	28	25	15	6	-------
FISH AND WILDLIFE	1,554	10	227	294	277	300	212	138	64	22	8	2	-------
FORESTRY	4,643	41	666	861	764	718	550	468	332	160	57	19	7
RANGE MANAGEMENT	486	3	71	84	96	63	63	61	25	14	2	1	3
HORTICULTURE	764	4	58	87	114	126	152	97	50	43	18	13	2
SOIL SPECIALTIES	1,183	10	76	183	220	183	198	147	80	50	21	13	2
ANATOMY	1,027	6	70	126	142	181	122	119	103	88	41	26	3
BOTANY	2,133	14	301	386	409	284	232	168	146	108	48	34	3
ECOLOGY	1,354	15	248	281	277	179	127	100	66	31	16	14	-------
ENTOMOLOGY	1,725	6	103	250	344	260	250	205	136	101	52	17	1
GENETICS	1,470	13	201	286	313	258	169	100	57	37	18	16	2
IMMUNOLOGY	974	22	123	171	210	194	100	78	34	17	14	11	-------
MICROBIOLOGY	2,950	40	294	410	526	516	419	347	193	120	51	24	10
NUTRITION	1,139	6	85	158	186	192	183	144	86	47	32	15	5
PATHOLOGY	1,257	7	48	152	225	284	174	151	93	64	39	18	2
PHARMACOLOGY	1,839	19	211	313	379	330	219	158	117	62	20	11	-------
PHYSIOLOGY	3,602	41	299	639	773	683	484	285	199	110	53	31	5
PLANT PATHOLOGY	950	5	96	157	195	135	124	85	63	57	17	15	1
VIROLOGY	703	8	65	111	172	142	83	63	38	16	2	2	1
ZOOLOGY	2,395	27	354	454	480	360	246	182	148	78	35	28	3
OTHER BIO-MEDICAL SPECIALTIES	3,827	32	275	465	653	710	581	477	313	191	83	43	4
BIOPHYSICS	618	28	131	101	127	93	64	33	19	12	8	1	1
BIOLOGY, OTHER	1,670	19	164	184	236	240	196	204	180	135	70	39	3

Appendix Table A–48. Number of scientists, by subfield and age, 1966—Continued

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	AGE											NO REPORT OF AGE
		24 AND UNDER	25–29	30–34	35–39	40–44	45–49	50–54	55–59	60–64	65–69	70 AND OVER	
CLINICAL PSYCHOLOGY	6,780	15	473	1,007	1,501	1,415	954	605	382	214	119	76	19
COUNSELING AND GUIDANCE	2,099	2	105	275	344	358	325	277	206	119	46	39	3
DEVELOPMENTAL PSYCHOLOGY	644	1	60	85	118	129	89	56	37	33	20	13	3
EDUCATIONAL PSYCHOLOGY	1,735	3	86	201	338	342	258	195	142	73	54	40	3
ENGINEERING PSYCHOLOGY	387	—	14	92	87	96	56	25	9	7	—	—	1
GENERAL PSYCHOLOGY	107	1	8	11	17	13	12	12	10	5	10	8	—
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	1,500	5	98	161	303	342	240	173	91	56	11	19	1
PERSONALITY	524	1	52	89	129	82	74	40	23	23	4	5	2
SCHOOL PSYCHOLOGY	1,221	5	86	202	263	240	159	109	90	30	22	10	5
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	2,286	11	411	612	482	366	203	80	52	39	15	12	3
PSYCHOMETRICS	464	3	60	81	94	72	57	46	26	17	2	6	—
SOCIAL PSYCHOLOGY	1,032	2	121	184	224	201	145	72	43	17	12	11	—
PSYCHOLOGY, OTHER	248	2	23	37	36	32	33	21	21	13	10	16	4
STATISTICS	3,042	30	474	536	579	471	361	271	176	93	30	18	3
GENERAL ECONOMIC THEORY	1,266	32	202	216	204	177	157	97	73	55	33	17	3
ECONOMIC HISTORY, HISTORY OF THOUGHT	301	3	47	50	27	43	40	26	21	14	18	10	2
ECONOMIC SYSTEMS, DEVELOPMENT AND PLANNING	931	13	141	159	164	135	118	89	53	26	16	12	5
ECONOMIC STATISTICS	447	11	88	103	69	65	47	29	14	9	8	1	3
MONETARY AND FISCAL THEORY AND INSTITUTIONS	1,152	20	194	191	175	157	141	89	67	54	40	24	—
INTERNATIONAL ECONOMICS	633	13	103	95	100	75	84	70	47	20	15	10	1
BUSINESS FINANCE AND ADMINISTRATION, MARKETING AND ACCOUNTING	4,861	50	397	645	839	886	808	520	343	193	95	79	6
INDUSTRIAL ORGANIZATIONS, GOVERNMENT AND BUSINESS, INDUSTRY STUDIES	764	11	60	105	129	106	126	86	60	42	33	5	1
LAND ECONOMICS	474	2	43	98	89	69	59	50	24	25	11	4	—
AGRICULTURAL ECONOMICS	1,204	13	134	181	203	188	162	125	93	47	30	26	2
LABOR ECONOMICS	767	9	87	109	99	102	119	94	59	44	23	20	3
POPULATION, WELFARE PROGRAMS, STANDARDS OF LIVING	275	1	15	34	32	35	38	42	29	21	14	12	2
ECONOMICS, OTHER	75	2	7	10	8	9	12	7	6	5	2	7	—
SOCIO-CULTURAL THEORY	451	1	14	43	68	81	84	60	37	24	16	21	2
METHODOLOGY	342	—	26	65	83	48	57	33	13	7	3	6	1
DEMOGRAPHY AND POPULATION	256	—	14	24	57	39	37	29	19	19	10	8	—
RURAL-URBAN SOCIOLOGY	385	1	8	43	68	52	57	55	42	28	13	17	1
SOCIAL CHANGE AND DEVELOPMENT	231	—	10	29	42	46	35	25	21	13	5	5	—
SOCIAL ORGANIZATION, STRUCTURE, AND INSTITUTIONS	1,380	3	55	207	240	277	235	142	98	55	39	23	6
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	487	—	18	71	88	93	69	57	43	22	14	12	—
SOCIOLOGY, OTHER	108	—	—	8	15	15	21	14	13	4	7	7	4
ARCHEOLOGY	196	—	10	18	37	32	23	29	20	14	8	5	—
ETHNOLOGY	5	—	—	2	1	2	—	—	—	—	—	—	—
HISTORY OF ANTHROPOLOGY	4	—	—	—	1	—	1	1	1	—	—	—	—
METHODOLOGY	12	—	—	2	2	3	—	1	1	2	—	1	—
ANTHROPOLOGICAL LINGUISTICS	26	1	2	4	5	3	6	2	1	2	—	—	—
PHYSICAL ANTHROPOLOGY	61	—	4	6	13	11	6	7	8	5	1	—	—
SOCIAL/CULTURAL ANTHROPOLOGY	584	—	5	55	126	137	100	64	43	30	12	10	2
ANTHROPOLOGY, OTHER	31	—	1	2	7	10	3	3	3	1	1	—	—
APPLICATION TO LANGUAGE TEACHING	317	9	34	48	62	57	39	35	17	9	5	—	2
DESCRIPTIVE LINGUISTICS	416	18	78	78	77	66	31	31	18	11	4	2	2
GENERAL LINGUISTICS	87	4	24	15	18	5	6	6	2	5	1	—	1
HISTORICAL AND COMPARATIVE LINGUISTICS	212	5	27	28	29	27	22	23	24	14	6	5	2
LANGUAGE IN RELATION TO OTHER FIELDS	113	4	21	26	24	15	9	7	2	2	2	1	—
LANGUAGE POLICIES	6	—	1	—	1	2	—	1	—	—	1	—	—
LITERACY AND WRITING SYSTEMS	7	—	2	1	—	1	1	1	1	—	—	—	—
MECHANIZED APPLICATIONS	39	—	12	12	7	5	1	1	—	1	—	—	—
PHONETICS	30	—	3	4	4	9	4	2	3	—	—	—	1
LINGUISTICS, OTHER	42	1	5	3	10	5	8	2	2	2	1	3	—
OTHER SPECIALTIES	6,035	191	907	1,011	1,004	863	667	493	393	268	143	84	11
ENGINEERING	12,125	880	2,023	1,630	1,647	1,809	1,703	1,152	580	341	204	127	29

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–49. Number of scientists, by subfield and type of employer, 1966

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	MILITARY	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER		
ALL SUBFIELDS	242,763	87,315	24,689	8,268	5,891	9,813	83,990	4,914	1,309	14,783	1,791
ANALYTICAL CHEMISTRY	9,968	1,885	1,044	315	104	230	5,632	57	83	569	49
INORGANIC CHEMISTRY	3,993	1,548	119	40	38	78	1,703	17	20	394	36
ORGANIC CHEMISTRY	24,234	3,617	865	112	142	328	17,007	190	73	1,753	147
RELATED CHEMICAL SPECIALTIES	5,120	292	222	50	55	70	4,063	56	44	250	18
AGRICULTURAL AND FOOD CHEMISTRY	3,092	407	351	89	7	45	1,929	66	12	166	20
BIOCHEMISTRY	7,498	3,687	734	125	122	805	1,148	60	42	696	79
PHYSICAL CHEMISTRY	8,356	2,599	532	44	74	269	3,999	34	34	723	48
CHEMISTRY, OTHER	3,656	735	116	59	147	59	1,552	73	39	801	75
GEOCHEMISTRY	498	235	85	7	1	27	97	5	------	33	8
GEODESY	153	18	67	3	37	3	22	------	------	3	------
GEOLOGY	11,759	1,940	1,281	624	70	73	5,753	1,273	19	686	40
PALEONTOLOGY	881	417	60	24	4	9	241	21	20	78	7
SOLID-EARTH GEOPHYSICS	2,329	250	152	18	25	25	1,696	65	3	88	7
GEOGRAPHY	2,009	1,364	214	93	50	49	72	14	3	134	16
HYDROLOGY	921	108	530	83	3	11	110	38	7	28	3
OCEANOGRAPHY	747	285	239	21	57	36	59	1	3	41	5
ATMOSPHERIC, LITHOSPHERIC, AND HYDROSPHERIC SPECIALTIES, OTHER	452	69	39	13	9	2	176	95	2	38	9
ATMOSPHERIC DYNAMICS, CHEMISTRY AND PHYSICS	1,144	418	293	18	71	101	161	2	3	66	11
CLIMATOLOGY	325	88	133	5	54	6	22	3	1	13	------
SYNOPTIC METEOROLOGY	3,279	171	915	24	1,740	50	239	5	13	116	6
AREA SPECIALIZATIONS	1,212	94	404	63	386	25	184	7	5	38	6
METEOROLOGICAL INSTRUMENTATION	187	19	58	2	47	12	43	------	1	2	3
METEOROLOGY, OTHER	136	22	34	2	51	3	13	1	2	7	1
ACOUSTICS	1,261	311	341	4	22	37	464	12	1	64	5
ATOMIC AND MOLECULAR PHYSICS	2,058	1,061	192	12	33	58	408	2	3	274	15
ELECTROMAGNETISM	1,559	466	281	2	46	49	618	5	2	87	3
ELEMENTARY PARTICLES	1,833	1,310	57	10	15	92	65	6	1	258	19
MECHANICS	849	291	165	1	12	19	317	2	1	40	1
NUCLEAR PHYSICS	3,557	1,733	302	22	164	201	794	8	4	307	22
OPTICS	2,617	520	412	4	40	78	1,407	33	3	110	10
PHYSICS OF FLUIDS	1,901	783	265	3	35	81	581	3	1	140	9
SOLID STATE PHYSICS	4,593	1,707	408	6	32	135	1,843	10	4	429	19
THERMAL PHYSICS	666	278	88	3	6	21	204	3	------	59	4
OTHER PHYSICS SPECIALTIES	4,894	3,317	223	39	79	103	645	12	13	435	28
ASTRONOMY	1,165	576	191	3	25	91	109	3	5	153	9
ELECTRONICS	1,158	248	135	1	32	28	662	11	------	34	7
PHYSICS, OTHER	1,019	534	85	6	30	30	170	2	2	148	12
ALGEBRA	2,108	1,725	40	22	26	17	108	5	9	142	14
ANALYSIS AND FUNCTIONAL ANALYSIS	3,261	2,557	83	28	55	36	244	4	6	215	33
GEOMETRY	878	757	8	10	5	9	34	2	6	44	3
LOGIC	475	342	10	5	4	5	69	2	1	33	4
MATHEMATICS OF RESOURCE USE	5,055	648	467	90	168	468	2,953	76	34	133	18
NUMBER THEORY	381	312	9	4	4	5	16	------	2	27	2
NUMERICAL METHODS AND COMPUTATIONS	8,473	1,462	733	76	178	485	5,181	49	41	245	23
TOPOLOGY	811	693	10	5	8	10	22	2	2	55	4
PROBABILITY	553	282	31	5	9	28	161	3	2	28	4
MATHEMATICS, OTHER	811	530	22	25	7	11	113	4	6	79	14
AGRONOMY	965	526	177	49	3	17	164	10	------	17	2
ANIMAL HUSBANDRY	443	307	26	13	1	11	55	16	2	9	3
FISH AND WILDLIFE	1,554	159	544	743	7	16	27	13	3	31	11
FORESTRY	4,643	443	2,063	796	27	38	1,052	119	10	79	16
RANGE MANAGEMENT	486	65	385	8	3	1	9	5	1	8	1
HORTICULTURE	764	551	54	19	1	8	94	14	1	20	2
SOIL SPECIALTIES	1,183	503	441	52	4	15	123	15	3	24	3
ANATOMY	1,027	822	31	4	9	91	21	10	1	32	6
BOTANY	2,133	1,623	215	32	5	54	65	5	9	114	11
ECOLOGY	1,354	917	189	67	10	40	35	6	8	70	12
ENTOMOLOGY	1,725	801	429	130	57	23	191	20	11	58	5
GENETICS	1,470	1,010	151	26	12	67	99	7	6	79	13
IMMUNOLOGY	974	507	100	20	34	133	94	17	3	54	12
MICROBIOLOGY	2,950	1,199	397	169	86	243	634	29	13	149	31
NUTRITION	1,139	630	105	19	9	46	263	13	5	47	2
PATHOLOGY	1,257	638	84	28	67	257	78	55	3	24	23
PHARMACOLOGY	1,839	784	135	44	36	90	624	16	1	96	13
PSYSIOLOGY	3,602	2,401	312	27	99	315	189	63	11	138	47
PLANT PATHOLOGY	950	544	222	56	1	11	76	6	2	30	2
VIROLOGY	703	276	103	28	41	71	151	------	1	28	4
ZOOLOGY	2,395	1,762	210	77	21	78	70	6	26	128	17
OTHER BIO-MEDICAL SPECIALTIES	3,827	1,623	280	205	279	508	323	365	19	145	80
BIOPHYSICS	618	369	63	2	13	55	41	1	2	65	7
BIOLOGY, OTHER	1,670	744	274	123	11	103	231	54	14	91	25

Appendix Table A-49. Number of scientists, by subfield and type of employer, 1966—Continued

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	MILITARY	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER		
CLINICAL PSYCHOLOGY	6,780	2,136	598	1,549	69	968	110	865	112	254	119
COUNSELING AND GUIDANCE	2,099	1,356	172	156	8	164	51	47	27	93	25
DEVELOPMENTAL PSYCHOLOGY	644	443	21	54	3	53	4	10	9	38	9
EDUCATIONAL PSYCHOLOGY	1,735	1,326	24	110	9	94	36	21	31	68	16
ENGINEERING PSYCHOLOGY	387	41	64	------	22	26	221	3	2	6	2
GENERAL PSYCHOLOGY	107	86	1	1	------	4	3	2	------	9	1
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	1,500	333	136	45	23	89	713	108	13	33	7
PERSONALITY	524	364	30	37	3	36	6	8	11	23	6
SCHOOL PSYCHOLOGY	1,221	977	5	99	2	22	6	7	31	56	16
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	2,286	1,630	182	83	46	109	96	11	8	97	24
PSYCHOMETRICS	464	221	70	26	8	59	56	7	5	10	2
SOCIAL PSYCHOLOGY	1,032	760	57	31	6	66	37	16	10	34	15
PSYCHOLOGY, OTHER	248	118	19	14	6	24	11	11	7	28	10
STATISTICS	3,042	937	614	125	43	149	1,012	23	23	100	16
GENERAL ECONOMIC THEORY	1,266	785	86	28	12	41	211	5	1	81	16
ECONOMIC HISTORY, HISTORY OF THOUGHT	301	240	9	5	------	4	13	2	1	25	2
ECONOMIC SYSTEMS, DEVELOPMENT AND PLANNING	931	472	135	65	10	67	99	16	3	59	5
ECONOMIC STATISTICS	447	240	69	14	1	27	60	1	2	29	4
MONETARY AND FISCAL THEORY AND INSTITUTIONS	1,152	688	78	120	5	41	115	9	2	85	9
INTERNATIONAL ECONOMICS	633	299	126	42	5	24	76	6	1	50	4
BUSINESS FINANCE AND ADMINISTRATION, MARKETING AND ACCOUNTING	4,861	1,134	107	31	39	106	3,058	130	25	205	26
INDUSTRIAL ORGANIZATIONS, GOVERNMENT AND BUSINESS, INDUSTRY STUDIES	764	320	110	34	4	30	212	20	4	27	3
LAND ECONOMICS	474	189	160	32	------	23	44	7	1	13	5
AGRICULTURAL ECONOMICS	1,204	672	255	43	7	34	104	12	2	60	15
LABOR ECONOMICS	767	435	139	52	4	41	32	9	2	46	7
POPULATION, WELFARE PROGRAMS, STANDARDS OF LIVING	275	102	64	21	3	15	34	7	------	27	2
ECONOMICS, OTHER	75	23	10	3	------	7	15	4	1	12	------
SOCIO-CULTURAL THEORY	451	401	6	4	2	5	4	4	4	13	8
METHODOLOGY	342	211	23	13	------	30	42	2	5	10	6
DEMOGRAPHY AND POPULATION	256	131	47	30	1	15	12	------	4	12	4
RURAL-URBAN SOCIOLOGY	385	295	20	6	2	28	1	2	7	14	10
SOCIAL CHANGE AND DEVELOPMENT	231	179	10	3	1	13	5	1	2	7	10
SOCIAL ORGANIZATION, STRUCTURE AND INSTITUTIONS	1,380	1,111	35	31	2	80	15	13	23	51	19
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	487	347	18	48	3	36	5	2	5	16	7
SOCIOLOGY, OTHER	108	73	4	6	------	4	2	2	1	12	4
ARCHEOLOGY	196	135	9	6	------	5	------	------	27	14	------
ETHNOLOGY	5	5	------	------	------	------	------	------	------	------	------
HISTORY OF ANTHROPOLOGY	4	4	------	------	------	------	------	------	------	------	------
METHODOLOGY	12	9	------	------	------	2	------	------	1	------	------
ANTHROPOLOGICAL LINGUISTICS	26	19	1	------	1	1	------	1	1	2	------
PHYSICAL ANTHROPOLOGY	61	46	6	------	------	2	------	1	2	2	2
SOCIAL/CULTURAL ANTHROPOLOGY	584	480	23	8	------	21	2	4	23	20	3
ANTHROPOLOGY, OTHER	31	23	2	------	------	2	------	------	------	3	1
APPLICATION TO LANGUAGE TEACHING	317	211	35	10	1	17	7	1	2	28	5
DESCRIPTIVE LINGUISTICS	416	273	9	4	------	43	12	2	5	64	4
GENERAL LINGUISTICS	87	61	2	1	------	3	5	------	------	14	1
HISTORICAL AND COMPARATIVE LINGUISTICS	212	178	5	------	1	5	1	------	------	22	------
LANGUAGE IN RELATION TO OTHER FIELDS	113	93	1	2	2	2	3	------	1	7	2
LANGUAGE POLICIES	6	3	------	------	------	2	------	1	------	------	------
LITERACY AND WRITING SYSTEMS	7	2	------	1	------	3	------	------	------	------	1
MECHANIZED APPLICATIONS	39	16	3	------	------	4	14	------	------	2	------
PHONETICS	30	26	------	------	------	2	------	------	------	2	------
LINGUISTICS, OTHER	42	26	3	------	------	3	1	------	------	7	2
OTHER SPECIALTIES	6,035	3,540	355	123	72	236	1,123	92	65	382	47
ENGINEERING	12,125	1,179	696	195	300	222	8,483	212	64	713	65

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–50. Number of scientists, by subfield and primary work activity, 1966

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	PRIMARY WORK ACTIVITY								NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D					
ALL SUBFIELDS	242,763	80,821	38,293	31,077	49,921	24,448	44,626	16,419	26,702	14,783	9,491
ANALYTICAL CHEMISTRY	9,968	3,415	1,097	1,691	1,599	766	931	2,598	380	569	476
INORGANIC CHEMISTRY	3,993	1,551	829	528	582	409	869	278	118	394	201
ORGANIC CHEMISTRY	24,234	10,662	3,908	4,096	5,808	4,087	1,617	2,657	736	1,753	1,001
RELATED CHEMICAL SPECIALTIES	5,120	1,312	136	462	1,228	574	137	1,611	382	250	200
AGRICULTURAL AND FOOD CHEMISTRY	3,092	921	251	452	954	594	113	661	122	166	155
BIOCHEMISTRY	7,498	4,511	3,928	507	791	488	757	211	171	696	361
PHYSICAL CHEMISTRY	8,356	4,311	2,449	1,497	1,340	1,094	1,182	267	194	723	339
CHEMISTRY, OTHER	3,656	422	160	129	688	213	381	531	274	801	559
GEOCHEMISTRY	498	288	230	56	37	32	98	5	20	33	17
GEODESY	153	41	13	27	70	26	8	12	14	03	5
GEOLOGY	11,759	1,737	914	822	1,985	606	1,352	415	5,163	686	421
PALEONTOLOGY	881	290	207	83	68	38	259	7	155	78	24
SOLID-EARTH GEOPHYSICS	2,329	425	193	225	559	144	83	30	1,094	88	50
GEOGRAPHY	2,009	243	142	100	241	84	1,120	16	187	134	68
HYDROLOGY	921	297	96	197	260	115	45	54	196	28	41
OCEANOGRAPHY	747	357	228	120	158	108	99	9	64	41	19
ATMOSPHERIC, LITHOSPHERIC, AND HYDROSPHERIC SPECIALTIES, OTHER	452	37	16	21	89	31	50	12	151	38	75
ATMOSPHERIC DYNAMICS, CHEMISTRY AND PHYSICS	1,144	679	462	204	203	176	86	2	73	66	35
CLIMATOLOGY	325	79	29	50	80	28	52	------	93	13	6
SYNOPTIC METEOROLOGY	3,279	244	96	144	814	107	107	36	1,838	116	124
AREA SPECIALIZATIONS	1,212	209	52	155	372	95	46	32	473	38	42
METEOROLOGICAL INSTRUMENTATION	187	61	7	50	85	56	5	3	26	2	5
METEOROLOGY, OTHER	136	13	6	7	37	8	10	1	49	7	19
ACOUSTICS	1,261	634	185	342	316	229	131	3	81	64	32
ATOMIC AND MOLECULAR PHYSICS	2,058	1,161	957	167	152	102	376	5	31	274	59
ELECTROMAGNETISM	1,559	830	289	422	312	252	217	10	62	87	41
ELEMENTARY PARTICLES	1,833	1,145	1,024	70	131	107	227	1	18	258	53
MECHANICS	849	402	94	217	145	116	191	16	30	40	25
NUCLEAR PHYSICS	3,557	1,847	1,150	516	629	467	520	36	113	307	105
OPTICS	2,617	1,517	384	715	586	453	197	37	112	110	58
PHYSICS OF FLUIDS	1,901	1,174	693	443	262	235	252	5	19	140	49
SOLID STATE PHYSICS	4,593	2,828	1,871	773	542	454	590	26	56	429	122
THERMAL PHYSICS	666	372	225	100	72	49	97	17	25	59	24
OTHER PHYSICS SPECIALTIES	4,894	1,281	791	370	400	168	2,460	33	150	435	135
ASTRONOMY	1,165	602	474	100	138	109	182	2	39	153	49
ELECTRONICS	1,158	528	73	250	333	237	145	31	53	34	34
PHYSICS, OTHER	1,019	256	135	89	134	91	317	5	53	148	106
ALGEBRA	2,108	354	259	65	109	25	1,377	16	71	142	34
ANALYSIS AND FUNCTIONAL ANALYSIS	3,261	745	511	201	191	70	1,909	24	97	215	80
GEOMETRY	878	111	86	15	54	8	611	6	35	44	17
LOGIC	475	139	93	22	26	9	241	8	17	33	11
MATHEMATICS OF RESOURCE USE	5,055	1,443	172	982	1,753	935	361	607	655	133	103
NUMBER THEORY	381	65	54	10	21	6	238	3	14	27	13
NUMERICAL METHODS AND COMPUTATIONS	8,473	3,676	410	1,363	2,093	1,121	508	990	778	245	183
TOPOLOGY	811	256	231	20	28	5	426	6	31	55	9
PROBABILITY	553	218	97	103	59	35	181	18	33	28	16
MATHEMATICS, OTHER	811	88	30	37	78	28	451	17	51	79	47
AGRONOMY	965	491	93	386	233	137	98	53	38	17	35
ANIMAL HUSBANDRY	443	104	28	75	134	69	135	10	24	9	27
FISH AND WILDLIFE	1,554	450	150	270	783	370	87	33	119	31	51
FORESTRY	4,643	457	90	310	3,160	263	218	138	403	79	188
RANGE MANAGEMENT	486	94	16	67	285	23	30	20	35	8	14
HORTICULTURE	764	375	49	314	143	92	122	9	50	20	45
SOIL SPECIALTIES	1,183	545	256	270	266	134	118	52	126	24	52
ANATOMY	1,027	305	265	39	109	52	474	2	58	32	47
BOTANY	2,133	670	571	93	203	82	1,021	15	47	114	63
ECOLOGY	1,354	378	277	94	189	104	624	8	41	70	44
ENTOMOLOGY	1,725	710	371	321	400	192	322	80	91	58	64
GENETICS	1,470	779	609	168	155	112	382	1	29	79	45
IMMUNOLOGY	974	647	532	113	91	53	88	10	43	54	41
MICROBIOLOGY	2,950	1,134	700	401	594	299	598	163	206	149	106
NUTRITION	1,139	539	296	232	300	222	135	34	41	47	43
PATHOLOGY	1,257	502	334	164	210	112	194	5	240	24	82
PHARMACOLOGY	1,839	943	614	322	425	358	227	18	67	96	63
PHYSIOLOGY	3,602	1,959	1,455	498	413	282	801	3	155	138	133
PLANT PATHOLOGY	950	609	338	266	116	78	90	23	53	30	29
VIROLOGY	703	456	347	106	124	96	50	7	8	28	30
ZOOLOGY	2,395	596	523	71	292	130	1,215	15	92	128	57
OTHER BIO-MEDICAL SPECIALTIES	3,827	1,126	430	681	763	376	571	68	900	145	254
BIOPHYSICS	618	395	366	26	40	28	85	2	8	65	23
BIOLOGY, OTHER	1,670	402	236	145	407	159	372	70	155	91	173

Appendix Table A-50. Number of scientists, by subfield and primary work activity, 1966—Continued

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	PRIMARY WORK ACTIVITY								NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D					
CLINICAL PSYCHOLOGY	6,780	1,076	115	947	983	217	861	-------	3,432	254	194
COUNSELING AND GUIDANCE	2,099	119	12	98	496	67	519	1	815	93	58
DEVELOPMENTAL PSYCHOLOGY	644	179	105	66	87	42	255	-------	60	38	25
EDUCATIONAL PSYCHOLOGY	1,735	359	40	306	492	134	562	2	194	68	58
ENGINEERING PSYCHOLOGY	387	185	13	138	151	128	18	-------	21	6	6
GENERAL PSYCHOLOGY	107	12	7	5	8	1	70	-------	4	9	4
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	1,500	275	35	220	597	206	176	6	374	33	39
PERSONALITY	524	162	104	56	68	33	210	-------	50	23	11
SCHOOL PSYCHOLOGY	1,221	557	4	550	154	20	84	-------	329	56	41
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	2,286	1,027	854	165	214	142	835	-------	62	97	51
PSYCHOMETRICS	464	192	52	133	109	72	108	2	26	10	17
SOCIAL PSYCHOLOGY	1,032	323	220	98	158	89	440	-------	43	34	34
PSYCHOLOGY, OTHER	248	64	28	35	33	13	49	-------	45	28	33
STATISTICS	3,042	883	197	566	733	365	560	382	309	100	75
GENERAL ECONOMIC THEORY	1,266	250	91	155	183	86	601	29	78	81	44
ECONOMIC HISTORY, HISTORY OF THOUGHT	301	29	21	7	28	3	198	-------	13	25	8
ECONOMIC SYSTEMS, DEVELOPMENT AND PLANNING	931	248	80	139	195	107	305	15	70	59	39
ECONOMIC STATISTICS	447	149	54	94	74	50	153	11	21	29	10
MONETARY AND FISCAL THEORY AND INSTITUTIONS	1,152	190	70	119	231	88	518	9	85	85	34
INTERNATIONAL ECONOMICS	633	124	41	79	117	37	236	9	74	50	23
BUSINESS FINANCE AND ADMINISTRATION, MARKETING AND ACCOUNTING	4,861	274	50	152	2,013	484	820	960	412	205	177
INDUSTRIAL ORGANIZATIONS, GOVERNMENT AND BUSINESS, INDUSTRY STUDIES	764	140	42	91	214	93	230	35	87	27	31
LAND ECONOMICS	474	181	41	134	116	66	85	7	57	13	15
AGRICULTURAL ECONOMICS	1,204	471	71	390	290	142	199	29	110	60	45
LABOR ECONOMICS	767	139	60	75	194	94	307	4	57	46	20
POPULATION, WELFARE PROGRAMS, STANDARDS OF LIVING	275	65	19	40	81	38	55	9	22	27	13
ECONOMICS, OTHER	75	20	8	9	16	9	10	1	11	12	5
SOCIO-CULTURAL THEORY	451	63	55	8	38	11	302	-------	10	13	25
METHODOLOGY	342	130	75	52	77	59	97	4	13	10	11
DEMOGRAPHY AND POPULATION	256	85	41	43	67	41	71	4	12	12	5
RURAL-URBAN SOCIOLOGY	385	96	52	44	58	36	177	-------	23	14	17
SOCIAL CHANGE AND DEVELOPMENT	231	65	46	17	48	33	94	-------	11	7	6
SOCIAL ORGANIZATION, STRUCTURE, AND INSTITUTIONS	1,380	259	160	99	223	94	752	3	49	51	43
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	487	76	33	43	114	51	238	-------	24	16	19
SOCIOLOGY, OTHER	108	22	14	8	11	5	50	-------	4	12	09
ARCHEOLOGY	196	46	46	——	33	22	72	-------	21	14	10
ETHNOLOGY	5	1	1	——	-------	-------	4	-------	-------	-------	-------
HISTORY OF ANTHROPOLOGY	4	-------	-------	——	-------	-------	4	-------	-------	-------	-------
METHODOLOGY	12	5	5	——	-------	-------	6	-------	1	-------	-------
ANTHROPOLOGICAL LINGUISTICS	26	7	5	2	-------	-------	11	-------	3	2	3
PHYSICAL ANTHROPOLOGY	61	18	14	4	3	3	31	-------	4	2	3
SOCIAL/CULTURAL ANTHROPOLOGY	584	117	107	10	70	43	337	-------	18	20	22
ANTHROPOLOGY, OTHER	31	9	7	2	3	1	14	-------	1	3	1
APPLICATION TO LANGUAGE TEACHING	317	24	3	21	56	9	159	-------	33	28	17
DESCRIPTIVE LINGUISTICS	416	83	58	25	33	13	198	-------	17	64	21
GENERAL LINGUISTICS	87	26	22	4	6	5	35	-------	4	14	2
HISTORICAL AND COMPARATIVE LINGUISTICS	212	24	22	2	8	1	149	-------	5	22	4
LANGUAGE IN RELATION TO OTHER FIELDS	113	39	33	5	10	6	50	-------	4	7	3
LANGUAGE POLICIES	6	-------	-------	——	2	-------	2	-------	1	-------	1
LITERACY AND WRITING SYSTEMS	7	4	2	2	1	1	2	-------	-------	-------	-------
MECHANIZED APPLICATIONS	39	20	5	15	4	4	8	-------	3	2	2
PHONETICS	30	9	5	4	2	1	14	-------	1	2	2
LINGUISTICS, OTHER	42	4	2	2	8	5	11	-------	4	7	8
OTHER SPECIALTIES	6,035	335	81	138	952	325	2,988	164	909	382	305
ENGINEERING	12,125	3,118	282	1,213	3,634	1,840	618	2,524	1,040	713	478

(A) INCLUDES DEVELOPMENT AND DESIGN.
(B) INCLUDES MANAGEMENT AND ADMINISTRATION, OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A-51. Number of scientists, by subfield and years of professional experience, 1966

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	YEARS OF PROFESSIONAL EXPERIENCE										NO REPORT OF YEARS OF EXPERIENCE
		1 OR LESS YEARS	2-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 OR MORE YEARS	
ALL SUBFIELDS	242,763	12,967	36,907	48,430	39,083	35,419	19,488	16,036	11,077	6,569	5,851	10,936
ANALYTICAL CHEMISTRY	9,968	666	1,528	1,891	1,543	1,438	872	685	431	232	187	495
INORGANIC CHEMISTRY	3,993	442	777	653	536	428	263	263	162	123	107	239
ORGANIC CHEMISTRY	24,234	1,770	3,230	3,694	3,252	3,435	2,237	2,289	1,438	805	661	1,423
RELATED CHEMICAL SPECIALTIES	5,120	364	661	759	639	834	578	472	307	124	133	249
AGRICULTURAL AND FOOD CHEMISTRY	3,092	85	238	387	404	493	339	322	283	169	174	198
BIOCHEMISTRY	7,498	655	1,405	1,471	1,187	900	518	396	236	154	125	453
PHYSICAL CHEMISTRY	8,356	802	1,452	1,487	1,324	1,051	630	483	283	185	177	482
CHEMISTRY, OTHER	3,656	536	409	357	263	300	210	261	182	158	295	685
GEOCHEMISTRY	498	44	121	130	67	41	28	22	14	2	4	25
GEODESY	153	3	21	45	24	22	14	7	3	8	4	2
GEOLOGY	11,759	372	1,280	2,152	2,446	2,638	796	693	484	310	404	184
PALEONTOLOGY	881	60	218	185	136	92	26	50	36	38	22	18
SOLID-EARTH GEOPHYSICS	2,329	74	234	356	396	571	188	176	194	66	26	48
GEOGRAPHY	2,009	147	425	409	299	240	143	106	76	56	60	48
HYDROLOGY	921	22	64	144	129	197	77	90	80	65	33	20
OCEANOGRAPHY	747	41	160	173	112	114	64	30	13	11	8	21
ATMOSPHERIC, LITHOSPHERIC, AND HYDROSPHERIC SPECIALTIES, OTHER	452	16	31	52	67	93	27	33	40	19	32	42
ATMOSPHERIC DYNAMICS, CHEMISTRY AND PHYSICS	1,144	112	207	251	194	122	108	55	24	8	9	54
CLIMATOLOGY	325	17	35	40	46	56	58	36	12	6	6	13
SYNOPTIC METEOROLOGY	3,279	285	413	452	529	534	532	277	65	47	18	127
AREA SPECIALIZATIONS	1,212	41	107	194	197	234	208	126	41	22	4	38
METEOROLOGICAL INSTRUMENTATION	187	2	11	39	39	37	23	22	8	1	2	3
METEOROLOGY, OTHER	136	22	6	18	23	13	19	13	3	3	-------	16
ACOUSTICS	1,261	56	222	278	176	105	105	91	44	44	34	26
ATOMIC AND MOLECULAR PHYSICS	2,058	284	594	460	255	131	89	57	34	29	20	105
ELECTROMAGNETISM	1,559	68	294	358	247	227	111	83	60	44	29	38
ELEMENTARY PARTICLES	1,833	301	610	400	177	102	43	49	14	12	5	120
MECHANICS	849	53	166	197	109	114	71	33	45	24	14	23
NUCLEAR PHYSICS	3,557	335	884	761	571	392	223	141	60	25	21	144
OPTICS	2,617	107	491	634	373	384	200	156	119	62	56	35
PHYSICS OF FLUIDS	1,901	163	405	421	305	268	131	84	34	21	10	59
SOLID STATE PHYSICS	4,593	476	1,057	1,177	746	480	188	135	77	46	23	188
THERMAL PHYSICS	666	71	171	154	79	71	30	29	14	13	4	30
OTHER PHYSICS SPECIALTIES	4,894	350	1,231	1,087	655	520	306	197	186	113	110	139
ASTRONOMY	1,165	148	309	263	130	87	46	46	34	28	19	55
ELECTRONICS	1,158	42	189	244	204	173	105	85	48	33	18	17
PHYSICS, OTHER	1,019	105	260	174	109	75	42	50	37	45	32	90
ALGEBRA	2,108	39	549	618	268	183	103	89	84	35	33	107
ANALYSIS AND FUNCTIONAL ANALYSIS	3,261	67	809	859	433	293	177	141	99	99	92	192
GEOMETRY	878	11	136	218	108	96	76	48	52	41	47	45
LOGIC	475	15	135	112	81	49	26	10	10	6	4	27
MATHEMATICS OF RESOURCE USE	5,055	42	636	1,298	974	897	359	286	179	89	58	237
NUMBER THEORY	381	10	75	104	62	43	29	15	11	9	8	15
NUMERICAL METHODS AND COMPUTATIONS	8,473	73	1,444	3,228	1,955	866	278	115	52	33	14	415
TOPOLOGY	811	31	300	233	95	56	19	18	9	5	4	41
PROBABILITY	553	10	121	143	97	68	37	29	13	3	5	27
MATHEMATICS, OTHER	811	13	134	187	114	80	47	48	31	33	27	97
AGRONOMY	965	19	63	176	191	198	102	76	64	32	25	19
ANIMAL HUSBANDRY	443	4	36	69	79	82	51	37	26	15	18	26
FISH AND WILDLIFE	1,554	37	221	356	298	329	99	98	62	19	9	26
FORESTRY	4,643	56	622	1,024	723	854	340	328	369	142	67	118
RANGE MANAGEMENT	486	6	77	111	71	82	43	50	27	10	2	7
HORTICULTURE	764	17	71	137	123	140	93	51	41	37	29	25
SOIL SPECIALTIES	1,183	25	109	215	219	215	93	108	94	36	32	37
ANATOMY	1,027	23	103	146	170	141	99	84	93	68	60	40
BOTANY	2,133	81	385	474	369	229	138	129	104	85	71	68
ECOLOGY	1,354	59	260	349	241	159	84	66	47	33	21	35
ENTOMOLOGY	1,725	31	156	344	308	283	164	139	100	102	61	37
GENETICS	1,470	85	241	346	270	196	106	55	43	32	35	61
IMMUNOLOGY	974	39	146	231	188	149	73	46	25	14	22	41
MICROBIOLOGY	2,950	93	351	533	521	462	302	245	176	102	65	100
NUTRITION	1,139	37	125	201	175	192	119	93	84	43	34	36
PATHOLOGY	1,257	20	112	213	202	200	165	127	78	58	38	44
PHARMACOLOGY	1,839	83	249	358	360	268	144	120	98	52	33	74
PHYSIOLOGY	3,602	137	479	707	751	524	352	227	161	96	65	103
PLANT PATHOLOGY	950	40	134	213	171	131	60	56	53	41	24	27
VIROLOGY	703	12	98	151	162	105	61	40	41	13	1	19
ZOOLOGY	2,395	81	439	572	417	293	144	127	122	58	66	76
OTHER BIO-MEDICAL SPECIALTIES	3,827	121	316	595	582	568	560	373	249	146	105	212
BIOPHYSICS	618	68	119	115	98	73	43	31	19	11	8	33
BIOLOGY, OTHER	1,670	36	161	234	235	245	133	163	128	101	94	140

Appendix Table A-51. Number of scientists, by subfield and years of professional experience, 1966—Continued

SCIENTIFIC AND TECHNICAL SUBFIELD	TOTAL	YEARS OF PROFESSIONAL EXPERIENCE										NO REPORT OF YEARS OF EXPERIENCE
		1 OR LESS YEARS	2-4 YEARS	5-9 YEARS	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40 OR MORE YEARS	
CLINICAL PSYCHOLOGY	6,780	142	897	1,500	1,624	1,215	477	314	257	126	132	96
COUNSELING AND GUIDANCE	2,099	24	176	401	420	374	226	175	127	84	66	26
DEVELOPMENTAL PSYCHOLOGY	644	13	94	138	131	97	49	48	25	19	20	10
EDUCATIONAL PSYCHOLOGY	1,735	12	119	312	378	342	173	119	116	57	81	26
ENGINEERING PSYCHOLOGY	387	1	31	107	113	91	22	7	9	4	———	2
GENERAL PSYCHOLOGY	107	2	9	23	18	10	7	12	4	8	11	3
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	1,500	31	129	219	328	339	145	132	80	35	33	29
PERSONALITY	524	21	79	119	114	76	34	28	20	13	12	8
SCHOOL PSYCHOLOGY	1,221	17	122	325	308	200	75	58	51	31	22	12
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	2,286	161	554	610	420	260	88	57	44	34	22	36
PSYCHOMETRICS	464	24	73	106	69	73	47	23	16	17	7	9
SOCIAL PSYCHOLOGY	1,032	46	181	255	198	152	69	41	28	13	15	34
PSYCHOLOGY, OTHER	248	8	33	45	32	32	18	18	19	5	14	24
STATISTICS	3,042	38	423	733	499	495	241	213	123	66	40	171
GENERAL ECONOMIC THEORY	1,266	89	250	221	180	175	93	73	54	32	38	61
ECONOMIC HISTORY, HISTORY OF THOUGHT	301	18	54	49	36	40	25	21	15	11	20	12
ECONOMIC SYSTEMS, DEVELOPMENT AND PLANNING	931	48	183	168	126	138	85	68	37	22	19	37
ECONOMIC STATISTICS	447	30	88	100	56	54	38	26	10	7	6	32
MONETARY AND FISCAL THEORY AND INSTITUTIONS	1,152	76	204	217	155	162	78	81	44	41	55	39
INTERNATIONAL ECONOMICS	633	54	119	103	83	67	63	46	39	21	17	21
BUSINESS FINANCE AND ADMINISTRATION MARKETING AND ACCOUNTING	4,861	101	363	747	722	930	520	509	315	194	169	291
INDUSTRIAL ORGANIZATIONS, GOVERNMENT AND BUSINESS, INDUSTRY STUDIES	764	20	78	126	109	128	72	73	58	37	30	33
LAND ECONOMICS	474	19	68	101	78	85	36	27	30	10	13	7
AGRICULTURAL ECONOMICS	1,204	57	183	226	162	189	101	89	74	43	37	43
LABOR ECONOMICS	767	23	105	135	91	117	77	67	62	23	35	32
POPULATION, WELFARE PROGRAMS, STANDARDS OF LIVING	275	13	22	41	23	45	24	25	30	10	16	26
ECONOMICS, OTHER	75	3	9	7	11	8	6	9	4	2	9	7
SOCIO-CULTURAL THEORY	451	4	34	93	68	68	60	29	22	18	31	24
METHODOLOGY	342	8	35	97	58	57	25	13	19	7	4	19
DEMOGRAPHY AND POPULATION	256	5	18	53	51	40	21	17	16	14	15	6
RURAL-URBAN SOCIOLOGY	385	1	29	63	74	69	30	33	28	17	23	18
SOCIAL CHANGE AND DEVELOPMENT	231	5	18	48	35	38	19	13	16	9	8	22
SOCIAL ORGANIZATION, STRUCTURE, AND INSTITUTIONS	1,380	14	107	318	271	246	116	86	73	41	36	72
SOCIAL PROGRAMS, SOCIAL DISORGANIZATION	487	3	31	123	85	88	42	27	30	18	18	22
SOCIOLOGY, OTHER	108	1	6	18	15	22	9	9	5	6	9	8
ARCHEOLOGY	196	3	22	38	25	26	21	13	16	16	8	8
ETHNOLOGY	5	———	1	1	2	1	———	———	———	———	———	———
HISTORY OF ANTHROPOLOGY	4	———	———	1	———	1	1	———	1	———	———	———
METHODOLOGY	12	———	1	4	1	1	1	1	2	1	———	———
ANTHROPOLOGICAL LINGUISTICS	26	3	2	4	6	4	3	1	———	1	1	1
PHYSICAL ANTHROPOLOGY	61	1	9	5	13	8	7	3	3	6	1	5
SOCIAL/CULTURAL ANTHROPOLOGY	584	4	59	128	134	85	48	33	36	15	11	31
ANTHROPOLOGY, OTHER	31	1	2	6	10	3	1	3	1	2	———	2
APPLICATION TO LANGUAGE TEACHING	317	6	43	80	62	35	38	12	18	4	4	15
DESCRIPTIVE LINGUISTICS	416	35	88	85	80	31	26	11	13	12	6	29
GENERAL LINGUISTICS	87	11	17	20	13	5	6	1	2	4	———	8
HISTORICAL AND COMPARATIVE LINGUISTICS	212	16	23	37	38	23	13	15	16	14	9	8
LANGUAGE IN RELATION TO OTHER FIELDS	113	17	26	25	19	10	4	4	2	1	2	3
LANGUAGE POLICIES	6	———	———	1	3	———	———	1	———	———	1	———
LITERACY AND WRITING SYSTEMS	7	———	1	3	———	1	———	1	———	———	———	1
MECHANIZED APPLICATIONS	39	———	12	12	8	4	———	1	———	———	———	2
PHONETICS	30	2	4	4	4	8	3	1	1	2	———	1
LINGUISTICS, OTHER	42	5	5	3	7	1	6	3	1	1	3	7
OTHER SPECIALTIES	6,035	154	743	1,407	996	852	499	372	326	203	228	255
ENGINEERING	12,125	919	1,597	1,802	1,422	1,957	1,233	1,165	674	342	331	683

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–52. Median annual salaries of full-time employed civilian scientists, by subfield, 1966

SUBFIELD	MEDIAN SALARY
ALL SUBFIELDS	12,000
ANALYTICAL CHEMISTRY	10,200
INORGANIC CHEMISTRY	12,000
ORGANIC CHEMISTRY	12,900
RELATED CHEMICAL SPECIALTIES	12,100
AGRICULTURAL AND FOOD CHEMISTRY	12,000
BIOCHEMISTRY	12,000
PHYSICAL CHEMISTRY	13,100
CHEMISTRY, OTHER	11,100
GEOCHEMISTRY	11,500
GEODESY	12,500
GEOLOGY	11,400
PALEONTOLOGY	10,300
SOLID EARTH GEOPHYSICS	12,000
GEOGRAPHY	9,800
HYDROLOGY	11,700
OCEANOGRAPHY	11,200
ATMOSPHERIC, LITHOSPHERIC, AND HYDROSPHERIC SPECIALTIES, OTHER	12,000
ATMOSPHERIC DYNAMICS, CHEMISTRY, AND PHYSICS	13,800
CLIMATOLOGY	11,800
SYNOPTIC METEOROLOGY	11,000
AREA SPECIALIZATIONS	11,700
METEOROLOGICAL INSTRUMENTATION	13,000
METEOROLOGY, OTHER	11,700
ACOUSTICS	13,000
ATOMIC AND MOLECULAR PHYSICS	12,500
ELECTROMAGNETISM	13,600
ELEMENTARY PARTICLES	11,200
MECHANICS	12,300
MOLECULAR PHYSICS	13,200
OPTICS	13,300
PHYSICS OF FLUIDS	14,200
SOLID STATE PHYSICS	13,800
THERMAL PHYSICS	12,000
OTHER PHYSICS SPECIALTIES	10,000
ASTRONOMY	12,000
ELECTRONICS	13,300
PHYSICS, OTHER	10,200
ALGEBRA	8,900
ANALYSIS AND FUNCTIONAL ANALYSIS	9,700
GEOMETRY	9,000
LOGIC	9,600
MATHEMATICS OF RESOURCE USE	15,000
NUMBER THEORY	9,300
NUMERICAL METHODS AND COMPUTATIONS	12,500
TOPOLOGY	10,000
PROBABILITY	12,500
MATHEMATICS, OTHER	8,900
AGRONOMY	11,900
ANIMAL HUSBANDRY	12,000
FISH AND WILDLIFE	9,000
FORESTRY	9,600
RANGE MANAGEMENT	9,900
HORTICULTURE	11,600
SOIL SPECIALTIES	11,700
ANATOMY	12,500
BOTANY	10,200
ECOLOGY	9,900
ENTOMOLOGY	11,300
GENETICS	11,500
IMMUNOLOGY	13,000
MICROBIOLOGY	11,500
NUTRITION	13,000
PATHOLOGY	17,800
PHARMACOLOGY	14,200
PHYSIOLOGY	13,500
PLANT PATHOLOGY	11,700
VIROLOGY	13,700
ZOOLOGY	9,800
OTHER BIO-MEDICAL SPECIALTIES	16,500
BIOPHYSICS	13,000
BIOLOGY, OTHER	10,400
CLINICAL PSYCHOLOGY	11,400
CONSELING AND GUIDANCE	11,000
DEVELOPMENTAL PSYCHOLOGY	11,000
EDUCATIONAL PSYCHOLOGY	11,500
ENGINEERING PSYCHOLOGY	15,300
GENERAL PSYCHOLOGY	11,000
INDUSTRIAL AND PERSONNEL PSYCHOLOGY	15,000
PERSONALITY	11,500
SCHOOL PSYCHOLOGY	10,000
EXPERIMENTAL, COMPARATIVE, AND PHYSIOLOGICAL PSYCHOLOGY	11,000
PSYCHOMETRICS	12,500
SOCIAL PSYCHOLOGY	11,200
PSYCHOLOGY, OTHER	11,300
STATISTICS	12,800
GENERAL ECONOMIC THEORY	11,500
ECONOMIC HISTORY, HISTORY OF THOUGHT	10,500
ECONOMIC SYSTEMS, DEVELOPMENT AND PLANNING	12,800
ECONOMIC STATISTICS	12,200
MONETARY AND FISCAL THEORY AND INSTITUTIONS	12,300
INTERNATIONAL ECONOMICS	12,900
BUSINESS FINANCE AND ADMINISTRATION, MARKETING AND ACCOUNTING	14,500
INDUSTRIAL ORGANIZATIONS, GOVERNMENT AND BUSINESS, INDUSTRY STUDIES	14,000
LAND ECONOMICS	12,500
AGRICULTURAL ECONOMICS	12,900
LABOR ECONOMICS	12,700
POPULATION, WELFARE PROGRAMS, STANDARDS OF LIVING	13,800
ECONOMICS, OTHER	14,000
SOCIO-CULTURAL THEORY	10,300
METHODOLOGY	12,500
DEMOGRAPHY AND POPULATION	12,800
RURAL-URBAN SOCIOLOGY	12,000
SOCIAL CHANGE AND DEVELOPMENT	12,400
SOCIAL ORGANIZATION, STRUCTURE, AND INSTITUTIONS	11,000
SOCIAL PROBLEMS, SOCIAL DISORGANIZATION	11,000
SOCIOLOGY, OTHER	10,700
ARCHEOLOGY	11,000
ETHNOLOGY	-------
HISTORY OF ANTHROPOLOGY	-------
METHODOLOGY	-------
ANTHROPOLOGICAL LINGUISTICS	-------
PHYSICAL ANTHROPOLOGY	14,000
SOCIAL/CULTURAL ANTHROPOLOGY	11,500
ANTHROPOLOGY, OTHER	11,600
APPLICATION TO LANGUAGE TEACHING	9,800
DESCRIPTIVE LINGUISTICS	9,500
GENERAL LINGUISTICS	11,300
HISTORICAL AND COMPARATIVE LINGUISTICS	10,000
LANGUAGE IN RELATION TO OTHER FIELDS	10,000
LANGUAGE POLICIES	-------
LITERACY AND WRITING SYSTEMS	-------
MECHANIZED APPLICATIONS	11,400
PHONETICS	12,500
LINGUISTICS, OTHER	10,200
OTHER SPECIALTIES	9,500
ENGINEERING	13,000

NOTE - NO MEDIAN WAS COMPUTED FOR GROUPS WITH FEWER THAN 25 REGISTRANTS REPORTING SALARY.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–53. Number of scientists, full-time professionally employed, part-time students, by field and highest degree, 1966

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	8,976	169	35	4,028	4,384	172	188
CHEMISTRY	2,010	41	4	484	1,397	40	44
EARTH SCIENCES	456	5	-------	207	236	6	2
METEOROLOGY	270	2	-------	57	119	55	37
PHYSICS	1,602	24	-------	671	893	5	9
MATHEMATICS	1,472	15	-------	746	608	44	59
AGRICULTURAL SCIENCES	142	-------	-------	71	68	1	2
BIOLOGICAL SCIENCES	571	12	29	291	227	7	5
PSYCHOLOGY	648	32	-------	582	33	-------	1
STATISTICS	183	3	-------	106	67	1	6
ECONOMICS	490	13	1	339	128	3	6
SOCIOLOGY	75	6	-------	62	4	3	-------
ANTHROPOLOGY	2	-------	-------	2	-------	-------	-------
LINGUISTICS	63	2	-------	38	20	-------	3
OTHER FIELDS	992	14	1	372	584	7	14

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–54. Number of scientists, full-time professionally employed, part-time students, by field and type of employer, 1966

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	TYPE OF EMPLOYER								NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	MILITARY	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER	
ALL FIELDS	8,976	2,774	1,239	350	235	473	3,743	52	72	38
CHEMISTRY	2,010	300	154	40	25	78	1,378	3	21	11
EARTH SCIENCES	456	159	94	42	5	11	140	4	-------	1
METEOROLOGY	270	45	76	2	106	10	31	-------	-------	-------
PHYSICS	1,602	456	416	9	37	73	598	3	7	3
MATHEMATICS	1,472	510	125	6	22	91	697	4	14	3
AGRICULTURAL SCIENCES	142	66	45	18	-------	1	10	2	-------	-------
BIOLOGICAL SCIENCES	571	323	82	29	4	42	77	4	6	4
PSYCHOLOGY	648	304	34	137	10	89	35	23	10	6
STATISTICS	183	46	31	8	2	10	83	-------	3	-------
ECONOMICS	490	156	89	32	10	25	169	7	-------	2
SOCIOLOGY	75	44	5	6	1	12	5	1	1	-------
ANTHROPOLOGY	2	1	-------	-------	-------	1	-------	-------	-------	-------
LINGUISTICS	63	42	4	1	-------	9	6	-------	-------	1
OTHER FIELDS	992	322	84	20	13	21	514	1	10	7

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–55. Number of scientists, full-time professionally employed, part-time students, by field and primary work activity, 1966

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	PRIMARY WORK ACTIVITY								NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER	
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D				
ALL FIELDS	8,976	4,234	1,208	2,056	964	459	1,674	880	1,014	210
CHEMISTRY	2,010	1,196	420	470	156	81	135	393	74	56
EARTH SCIENCES	456	159	74	84	35	15	110	14	131	7
METEOROLOGY	270	82	35	44	45	16	14	5	118	6
PHYSICS	1,602	1,043	303	532	128	92	316	18	56	41
MATHEMATICS	1,472	631	81	301	164	90	355	170	124	28
AGRICULTURAL SCIENCES	142	69	24	44	30	11	26	2	13	2
BIOLOGICAL SCIENCES	571	293	181	109	48	19	164	20	39	7
PSYCHOLOGY	648	215	26	182	87	26	77	-------	253	16
STATISTICS	183	75	6	52	32	20	28	34	12	2
ECONOMICS	490	127	29	93	107	32	122	58	66	10
SOCIOLOGY	75	19	7	12	14	7	33	1	7	1
ANTHROPOLOGY	2	-------	-------	-------	-------	-------	1	-------	-------	1
LINGUISTICS	63	9	4	5	11	5	30	-------	9	4
OTHER FIELDS	992	316	18	128	107	45	263	165	112	29

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–56. Number of scientists, by foreign language and field, 1966

LANGUAGE	TOTAL	SCIENTIFIC AND TECHNICAL FIELD					
		CHEMISTRY	EARTH SCIENCES	METEOROLOGY	PHYSICS	MATHEMATICS	AGRICULTURAL SCIENCES
INDO-EUROPEAN							
INDIC							
HINDI-URDU	912	216	46	17	187	64	23
BENGALI	135	35	9	-------	27	9	3
GUJERATI	68	21	1	1	12	3	-------
SINGHALESE	10	2	-------	-------	1	-------	-------
MARATHI	45	15	1	3	2	4	-------
ORIYA	5	-------	-------	-------	1	1	-------
PANJABI	42	9	1	-------	10	4	-------
INDIC, OTHER	74	15	6	1	8	7	3
IRANIAN							
PERSIAN	248	52	29	3	22	23	8
PASHTO	7	-------	1	-------	2	-------	-------
KURDISH	5	1	-------	-------	1	-------	-------
IRANIAN, OTHER	11	5	-------	-------	2	-------	-------
BALTO-SLAVIC							
BALTIC (LITHUANIAN AND LETTISH)	497	197	20	10	70	35	10
RUSSIAN	9,539	2,188	881	296	2,306	1,268	156
POLISH	1,760	700	53	32	181	149	40
CZECH AND SLOVAK	757	253	54	17	94	56	23
SERBO-CROATIAN	245	57	22	5	32	22	5
BULGARIAN	39	15	2	-------	3	2	1
UKRAINIAN	284	121	13	2	32	18	5
SLAVIC, OTHER	150	43	14	5	23	7	4
ROMANCE							
FRENCH	116,738	32,887	7,378	1,864	16,181	11,377	2,326
SPANISH	38,744	5,753	6,775	1,210	2,737	3,097	1,806
ITALIAN	5,143	1,431	290	131	659	433	69
PORTUGUESE	1,260	159	256	47	106	74	60
RUMANIAN	119	38	8	2	13	8	4
ROMANCE, OTHER	347	7	3	36	2	222	-------
GERMANIC							
GERMAN	134,427	47,419	7,570	2,499	19,384	11,570	2,917
SWEDISH	1,171	253	88	47	135	98	69
DUTCH	1,215	326	98	19	225	106	29
NORWEGIAN	757	139	71	29	96	64	42
DANISH	528	99	41	11	76	48	20
GERMANIC, OTHER	503	69	31	9	40	44	7
MISCELLANECUS INDO-EUROPEAN							
CELTIC	46	8	4	1	8	7	2
MODERN GREEK	1,320	359	67	38	152	139	7
ARMENIAN	217	68	6	6	34	21	-------
ALBANIAN	28	9	1	-------	1	1	-------
INDO-EUROPEAN, OTHER	4	1	-------	-------	1	-------	1
AFRO-ASIATIC							
SEMITIC							
ARABIC	812	155	183	7	84	52	17
HEBREW	1,503	279	25	12	258	252	5
AMHARIC	24	4	2	-------	3	1	-------
SEMITIC, OTHER	21	3	-------	-------	1	7	-------
OTHER AFRO-ASIATIC							
BERBER	2	-------	-------	-------	-------	-------	-------
CUSHITIC	5	1	-------	-------	-------	-------	-------
HAUSA AND AFRO-ASIATIC, OTHER	13	1	1	-------	1	-------	-------
AFRICAN							
NIGER-CONGO							
SWAHILI	82	2	20	1	3	3	6
XHOSA AND ZULU	3	-------	1	-------	-------	-------	-------
OTHER BANTU	26	-------	5	-------	-------	1	-------
AKAN (TWI AND FANTE)	8	-------	2	-------	3	-------	-------
IBO	11	3	-------	-------	-------	1	-------
YORUBA	18	2	1	-------	-------	2	1
FULA (NI)	4	-------	-------	-------	-------	-------	-------
NIGER-CONGO, OTHER	24	2	-------	1	-------	1	-------
OTHER SUB-SAHARAN AFRICAN	9	1	-------	1	-------	-------	-------

Appendix Table A–56. Number of scientists, by foreign language and field, 1966—Continued

LANGUAGE	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	ANTHRO-POLOGY	LINGUISTICS	OTHER FIELDS
INDO-EUROPEAN								
INDIC								
HINDI-URDU	96	33	31	68	30	23	35	43
BENGALI	16	3	9	9	6	1	4	4
GUJERATI	4	3	3	6	2	-------	2	10
SINGHALESE	2	1	-------	-------	-------	2	1	1
MARATHI	6	1	3	1	2	-------	4	3
ORIYA	2	-------	-------	-------	-------	-------	1	-------
PANJABI	4	2	-------	5	2	-------	3	2
INDIC, OTHER	7	-------	1	3	3	2	13	5
IRANIAN								
PERSIAN	25	12	3	25	8	6	16	16
PASHTO	2	-------	1	-------	-------	-------	1	-------
KURDISH	1	-------	-------	-------	2	-------	-------	-------
IRANIAN, OTHER	2	-------	-------	2	-------	-------	-------	-------
BALTO-SLAVIC								
BALTIC (LITHUANIAN AND LETTISH)	46	29	6	12	11	1	11	39
RUSSIAN	782	401	126	325	78	34	117	581
POLISH	181	115	28	80	26	1	20	154
CZECH AND SLOVAK	75	31	14	48	16	4	16	56
SERBO-CROATIAN	25	14	3	19	9	3	19	10
BULGARIAN	2	4	-------	2	1	-------	4	3
UKRAINIAN	25	15	5	17	3	-------	7	21
SLAVIC, OTHER	17	11	-------	6	2	-------	6	12
ROMANCE								
FRENCH	17,150	10,045	1,412	6,232	2,245	539	590	6,512
SPANISH	4,734	4,347	533	3,314	949	430	369	2,690
ITALIAN	640	532	59	331	121	21	62	364
PORTUGUESE	156	66	17	146	32	38	36	67
RUMANIAN	16	8	-------	5	-------	1	5	11
ROMANCE, OTHER	5	1	14	6	-------	1	4	46
GERMANIC								
GERMAN	19,129	7,534	1,287	4,641	1,500	308	434	8,235
SWEDISH	168	71	20	99	27	4	22	70
DUTCH	161	77	10	66	17	5	13	63
NORWEGIAN	100	55	12	69	26	2	11	41
DANISH	86	43	7	41	20	6	4	26
GERMANIC, OTHER	53	160	11	16	21	5	15	22
MISCELLANEOUS INDO-EUROPEAN								
CELTIC	3	3	-------	3	-------	-------	3	4
MODERN GREEK	146	167	21	73	43	7	15	86
ARMENIAN	26	21	5	8	3	1	3	15
ALBANIAN	1	4	-------	-------	-------	-------	7	4
INDO-EUROPEAN, OTHER	-------	-------	-------	1	-------	-------	-------	-------
AFRO-ASIATIC								
SEMITIC								
ARABIC	95	28	7	68	23	20	39	34
HEBREW	122	270	26	86	53	6	12	97
AMHARIC	2	3	-------	-------	1	5	2	1
SEMITIC, OTHER	-------	2	1	2	-------	1	2	2
OTHER AFRO-ASIATIC								
BERBER	-------	-------	-------	-------	-------	-------	2	-------
CUSHITIC	1	-------	-------	-------	-------	2	-------	1
HAUSA AND AFRO-ASIATIC, OTHER	-------	1	-------	-------	-------	2	5	2
AFRICAN								
NIGER-CONGO								
SWAHILI	7	2	-------	7	1	13	13	4
XHOSA AND ZULU	-------	-------	-------	-------	-------	1	1	-------
OTHER BANTU	-------	2	-------	-------	-------	8	9	1
AKAN (TWI AND FANTE)	-------	-------	-------	-------	-------	2	1	-------
IBO	-------	-------	-------	1	-------	1	5	-------
YORUBA	2	-------	-------	-------	-------	2	6	2
FULA (NI)	1	-------	-------	-------	-------	1	2	-------
NIGER-CONGO, OTHER	-------	1	1	1	1	7	8	1
OTHER SUB-SAHARAN AFRICAN	1	1	-------	-------	-------	2	2	1

Appendix Table A–56. Number of scientists, by foreign language and field, 1966—Continued

LANGUAGE	TOTAL	SCIENTIFIC AND TECHNICAL FIELD					
		CHEMISTRY	EARTH SCIENCES	METEOROLOGY	PHYSICS	MATHEMATICS	AGRICULTURAL SCIENCES
URALIC-ALTAIC							
OSMANLI TURKISH (ISTANBUL AND ANATOLIAN)	277	42	50	15	40	13	8
OTHER TURKIC	19	7	-------	1	-------	-------	-------
MONGOLIAN	8	1	-------	-------	1	-------	-------
ALTAIC, OTHER	7	3	-------	-------	-------	1	-------
HUNGARIAN	1,034	388	49	14	140	75	16
FINNISH	376	86	46	15	40	16	46
ESTONIAN AND OTHER BALTO-FINNIC	135	47	8	1	27	10	1
URALIC, OTHER	4	-------	-------	-------	-------	1	-------
EAST ASIAN							
SINO-TIBETAN							
MANDARIN OR PEKING CHINESE	2,184	675	58	28	541	242	19
OTHER CHINESE	389	182	21	22	15	13	3
THAI-LAO	83	11	2	8	8	3	4
BURMESE	28	4	3	1	5	-------	-------
TIBETAN	5	-------	-------	-------	-------	-------	-------
VIETNAMESE	66	7	2	9	12	9	3
CAMBODIAN (KHMER)	5	-------	2	-------	-------	-------	-------
OTHER SOUTHEAST ASIAN	25	1	-------	-------	-------	1	-------
OTHER EAST ASIAN							
JAPANESE	2,743	663	164	181	390	267	73
KOREAN	443	115	18	16	93	40	10
MALAYO-POLYNESIAN							
INDONESIAN							
MALAY AND BAHASA INDONESIA	213	31	59	1	20	5	5
JAVANESE	9	1	-------	-------	1	-------	-------
SUDANESE	-------	-------	-------	-------	-------	-------	-------
MADURESE	-------	-------	-------	-------	-------	-------	-------
TAGALOG	99	23	6	11	7	10	1
VISAYAN	10	2	-------	-------	-------	-------	-------
ILOCANO	7	1	1	-------	1	-------	-------
MALAGASY	2	-------	-------	1	-------	1	-------
INDONESIAN, OTHER	57	14	6	2	1	3	-------
OTHER MALAYO-POLYNESIAN							
POLYNESIAN	40	2	3	-------	1	2	1
MELANESIAN	12	-------	3	-------	1	-------	-------
MICRONESIAN, OTHER	11	-------	-------	-------	-------	-------	-------
DRAVIDIAN							
TAMIL	81	20	3	1	22	10	-------
TELUGU	60	12	3	4	11	10	-------
MALAYALAM	49	17	-------	1	13	7	-------
KANNADA	32	10	-------	-------	4	2	-------
DRAVIDIAN, OTHER	23	-------	1	-------	1	1	3
AMERICAN INDIAN							
NORTH AMERICAN							
NAVAHO	10	-------	2	-------	-------	1	2
NORTH AMERICAN INDIAN, OTHER	56	-------	5	2	1	3	-------
CENTRAL AMERICAN - TOTAL, INCLUDING UTO-AZTECAN	46	2	-------	-------	-------	-------	2
SOUTH AMERICAN							
GUARANI	1	-------	-------	-------	-------	-------	-------
QUECHUA	8	-------	1	-------	-------	-------	-------
SOUTH AMERICAN INDIAN, OTHER	22	1	-------	-------	-------	-------	-------
CAUCASIAN							
GEORGIAN	-------	-------	-------	-------	-------	-------	-------
CAUCASIAN, OTHER	-------	-------	-------	-------	-------	-------	-------
MISCELLANEOUS							
PAPUAN-AUSTRALIAN	10	-------	-------	-------	-------	-------	-------
CREOLES AND PIDGINS	31	2	1	1	-------	1	2
OTHER LANGUAGES NOT INCLUDED IN ANY OF THE ABOVE CATEGORIES	1,302	291	34	19	164	86	78

Appendix Table A–56. Number of scientists, by foreign language and field, 1966—Continued

LANGUAGE	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	ANTHRO-POLOGY	LINGUISTICS	OTHER FIELDS
URALIC-ALTAIC								
OSMANLI TURKISH (ISTANBUL AND ANATOLIAN)	16	14	7	24	8	3	13	24
OTHER TURKIC	4	------	------	------	------	------	5	2
MONGOLIAN	------	------	------	------	------	1	5	------
ALTAIC, OTHER	1	------	1	------	------	------	1	------
HUNGARIAN	138	63	6	62	9	8	15	51
FINNISH	37	22	------	22	5	2	16	23
ESTONIAN AND OTHER BALTO-FINNIC	15	3	3	5	------	------	7	8
URALIC, OTHER	------	------	------	------	------	------	3	------
EAST ASIAN								
SINO-TIBETAN								
MANDARIN OR PEKING CHINESE	196	47	45	127	28	9	44	125
OTHER CHINESE	56	4	3	19	12	2	7	30
THAI-LAO	6	2	1	9	2	9	15	3
BURMESE	2	------	1	4	1	4	3	------
TIBETAN	------	------	------	------	------	2	3	------
VIETNAMESE	4	3	1	1	3	1	6	5
CAMBODIAN (KHMER)	------	------	------	1	------	------	2	------
OTHER SOUTHEAST ASIAN	2	------	------	1	1	2	16	1
OTHER EAST ASIAN								
JAPANESE	389	106	37	185	48	28	48	164
KOREAN	40	13	7	49	8	------	8	26
MALAYO-POLYNESIAN								
INDONESIAN								
MALAY AND BAHASA INDONESIA	19	6	------	26	3	9	18	11
JAVANESE	1	------	------	------	------	2	3	1
SUDANESE	------	------	------	------	------	------	------	------
MADURESE	------	------	------	------	------	------	------	------
TAGALOG	11	4	2	2	3	2	10	7
VISAYAN	------	1	------	------	------	4	3	------
ILOCANO	------	------	------	------	------	1	2	1
MALAGASY	------	------	------	------	------	------	------	------
INDONESIAN, OTHER	7	2	1	4	3	8	4	2
OTHER MALAYO-POLYNESIAN								
POLYNESIAN	10	5	------	1	4	6	5	------
MELANESIAN	------	------	------	1	------	4	3	------
MICRONESIAN, OTHER	------	1	------	------	------	6	3	1
DRAVIDIAN								
TAMIL	6	3	3	5	1	1	4	2
TELUGU	6	------	3	2	1	1	4	3
MALAYALAM	3	1	1	1	1	1	------	3
KANNADA	2	1	2	4	------	4	2	1
DRAVIDIAN, OTHER	5	2	1	1	1	6	1	------
AMERICAN INDIAN								
NORTH AMERICAN								
NAVAHO	1	------	------	------	------	1	3	------
NORTH AMERICAN INDIAN, OTHER	3	8	------	------	------	8	25	1
CENTRAL AMERICAN - TOTAL, INCLUDING UTO-AZTECAN	------	------	------	------	------	7	30	5
SOUTH AMERICAN								
GUARANI	------	------	------	------	------	------	1	------
QUECHUA	------	------	------	------	------	2	5	------
SOUTH AMERICAN INDIAN, OTHER	1	1	------	1	------	3	12	3
CAUCASIAN								
GEORGIAN	------	------	------	------	------	------	------	------
CAUCASIAN, OTHER	------	------	------	------	------	------	------	------
MISCELLANEOUS								
PAPUAN-AUSTRALIAN	------	1	------	------	------	3	2	4
CREOLES AND PIDGINS	1	1	------	------	2	6	12	2
OTHER LANGUAGES NOT INCLUDED IN ANY OF THE ABOVE CATEGORIES	180	171	10	82	21	1	12	153

NOTE - THESE DATA ARE BASED ON A MAXIMUM OF TWO FOREIGN LANGUAGES REPORTED BY 196,757 OF THE 242,763 TOTAL REGISTRANTS.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–57. Number of scientists, by foreign language and proficiencies, 1966

LANGUAGE	TOTAL	PROFICIENCY								SOME KNOWLEDGE BUT CAN'T USE AS A MEDIUM OF COMMUNICATION	NO REPORT OF PROFICIENCY
		CAN PREPARE AND DELIVER LECTURES		CAN CONVERSE		HAVE FACILITY TO TRANSLATE TECHNICAL JOURNALS		CAN READ TECHNICAL ARTICLES FOR OWN USE			
		FLUENTLY	SUPERFICIALLY	FLUENTLY	PASSABLY	INTO ENGLISH	FROM ENGLISH	EASILY	WITH DIFFICULTY		
INDO-EUROPEAN											
INDIC											
HINDI-URDU	874	509	121	559	176	482	343	452	74	74	3
BENGALI	131	106	4	100	13	86	74	83	5	6	-------
GUJERATI	66	52	7	58	2	42	35	51	-------	2	-------
SINGHALESE	8	1	-------	3	4	2	-------	1	1	2	-------
MARATHI	41	33	4	33	4	31	18	29	1	1	-------
ORIYA	4	4	-------	3	-------	2	2	2	-------	-------	-------
PANJABI	39	34	-------	34	1	22	21	21	1	-------	-------
INDIC, OTHER	61	28	18	33	14	34	21	27	8	7	-------
IRANIAN											
PERSIAN	231	131	22	135	52	129	107	122	17	31	1
PASHTU	6	4	-------	3	1	2	2	2	1	-------	-------
KURDISH	5	2	1	2	2	3	2	1	1	1	-------
IRANIAN, OTHER	11	4	3	7	4	5	4	4	1	-------	-------
BALTO-SLAVIC											
BALTIC (LITHUANIAN AND LETTISH)	486	319	53	358	77	314	253	311	28	18	-------
RUSSIAN	9,424	558	877	695	1,012	3,623	808	2,144	4,290	2,968	9
POLISH	1,739	563	330	754	730	875	463	800	311	214	2
CZECH AND SLOVAK	742	234	106	323	290	326	197	300	123	109	-------
SERBO-CROATIAN	225	117	26	129	63	122	83	112	25	20	-------
BULGARIAN	35	14	10	21	10	19	13	20	4	2	1
UKRAINIAN	277	126	38	165	83	144	103	136	33	20	-------
SLAVIC, OTHER	144	52	19	67	52	57	37	50	24	22	-------
ROMANCE											
FRENCH	116,153	3,522	11,306	4,238	24,242	42,639	7,791	46,280	44,256	27,221	87
SPANISH	38,347	2,924	5,337	3,598	13,073	12,240	4,237	11,397	11,171	14,304	37
ITALIAN	5,079	836	1,042	1,195	2,301	2,504	938	2,268	1,231	1,013	5
PORTUGUESE	1,224	315	301	370	565	723	274	742	229	173	2
RUMANIAN	115	68	9	70	21	77	47	73	14	14	-------
ROMANCE, OTHER	343	15	18	13	36	69	29	54	58	214	1
GERMANIC											
GERMAN	134,022	6,252	11,390	7,707	27,128	45,648	9,849	37,747	63,703	34,165	107
SWEDISH	1,149	228	169	323	512	555	224	510	267	196	3
DUTCH	1,202	533	178	594	374	802	471	790	180	118	-------
NORWEGIAN	745	171	118	224	335	358	153	340	138	127	-------
DANISH	524	169	97	225	196	305	151	298	66	58	-------
GERMANIC, OTHER	485	151	97	221	197	199	117	187	52	47	1
MISCELLANEOUS INDO-EUROPEAN											
CELTIC	43	17	6	14	17	21	15	18	3	6	-------
MODERN GREEK	1,304	466	212	674	289	601	384	520	215	228	4
ARMENIAN	214	73	26	112	83	75	48	63	28	12	2
ALBANIAN	21	6	4	10	8	6	5	4	2	4	-------
INDO-EUROPEAN, OTHER	4	1	-------	1	1	2	1	1	-------	1	-------
AFRO-ASIATIC											
SEMITIC											
ARABIC	772	365	56	385	185	344	277	329	39	177	1
HEBREW	1,491	530	318	668	476	791	474	697	279	267	3
AMHARIC	22	3	4	6	6	3	1	2	3	10	-------
SEMITIC, OTHER	19	8	2	11	8	5	6	5	1	-------	-------
OTHER AFRO-ASIATIC											
BERBER	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------
CUSHITIC	3	1	-------	1	1	1	-------	2	-------	-------	-------
HAUSA AND AFRO-ASIATIC, OTHER	7	1	1	1	5	4	-------	2	1	-------	-------
AFRICAN											
NIGER-CONGO											
SWAHILI	69	5	9	7	42	15	6	8	9	15	-------
XHOSA AND ZULU	2	1	-------	2	-------	-------	-------	1	-------	-------	-------
OTHER BANTU	16	1	3	5	8	3	1	2	3	3	-------
AKAN (TWI AND FANTE)	6	2	-------	1	2	-------	1	1	-------	2	-------
IBO	6	2	-------	2	2	2	1	1	-------	2	-------
YORUBA	10	6	-------	5	-------	3	2	4	1	3	-------
FULA (NI)	2	-------	-------	1	1	-------	-------	-------	-------	-------	-------
NIGER-CONGO, OTHER	16	3	1	4	9	3	1	3	1	2	-------
OTHER SUB-SAHARAN AFRICAN	8	2	1	3	4	2	1	3	-------	1	-------

Appendix Table A–57. Number of scientists, by foreign language and proficiencies, 1966—Continued

LANGUAGE	TOTAL	PROFICIENCY								SOME KNOWLEDGE BUT CAN'T USE AS A MEDIUM OF COMMUNICATION	NO REPURT OF PROFICIENCY
		CAN PREPARE AND DELIVER LECTURES		CAN CONVERSE		HAVE FACILITY TO TRANSLATE TECHNICAL JOURNALS		CAN READ TECHNICAL ARTICLES FOR OWN USE			
		FLUENTLY	SUPERFICIALLY	FLUENTLY	PASSABLY	INTO ENGLISH	FROM ENGLISH	EASILY	WITH DIFFICULTY		
URALIC-ALTAIC											
OSMANLI TURKISH, (ISTANBUL AND ANATOLIAN)	263	88	29	95	83	103	70	87	51	73	--------
OTHER TURKIC	14	8	1	9	3	9	6	9	1	2	--------
MONGOLIAN	3	1	--------	1	--------	1	--------	1	1	1	--------
ALTAIC, OTHER	6	2	1	2	1	3	2	3	2	--------	1
HUNGARIAN	1,018	664	103	698	195	679	503	625	89	58	1
FINNISH	360	90	70	149	151	159	79	146	80	55	--------
ESTONIAN AND OTHER BALTO-FINNIC	128	105	12	110	8	100	75	99	4	3	--------
URALIC, OTHER	1	--------	--------	--------	--------	--------	--------	--------	--------	1	--------
EAST ASIAN											
SINO-TIBETAN											
MANDARIN OR PEKING CHINESE	2,139	1,577	193	1,548	207	1,422	1,095	1,360	119	101	3
OTHER CHINESE	382	234	34	254	63	209	161	204	22	24	--------
THAI-LAO	66	15	12	15	30	13	10	9	9	19	--------
BURMESE	25	11	5	13	8	11	9	11	1	3	--------
TIBETAN	2	--------	--------	--------	1	--------	--------	--------	--------	1	--------
VIETNAMESE	59	10	6	10	30	13	7	9	9	19	--------
CAMBODIAN (KHMER)	3	1	--------	1	1	1	--------	--------	1	1	--------
OTHER SOUTHEAST ASIAN	7	2	2	3	3	3	3	3	1	1	--------
OTHER EAST ASIAN											
JAPANESE	2,689	898	347	982	872	1,078	729	999	301	662	8
KOREAN	435	321	19	280	36	282	244	258	16	60	1
MALAYO-POLYNESIAN											
INDONESIAN											
MALAY AND BAHASA INDONESIA	195	29	38	36	120	60	25	47	49	34	--------
JAVANESE	6	2	--------	3	2	3	2	3	1	1	--------
SUDANESE	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
MADURESE	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
TAGALOG	89	38	9	49	16	39	24	36	5	21	--------
VISAYAN	7	--------	4	3	3	2	1	2	1	--------	--------
ILOCANO	5	--------	--------	--------	3	--------	--------	--------	--------	1	1
MALAGASY	2	--------	--------	--------	--------	--------	--------	--------	--------	1	1
INDONESIAN, OTHER	52	26	8	32	15	30	20	26	5	2	--------
OTHER MALAYO-POLYNESIAN											
POLYNESIAN	35	9	5	11	14	10	9	8	1	8	--------
MELANESIAN	9	2	1	2	2	3	2	4	--------	4	--------
MICRONESIAN	7	2	1	3	3	--------	--------	--------	--------	--------	--------
DRAVIDIAN											
TAMIL	76	46	8	56	11	43	30	45	3	4	--------
TELUGU	56	46	5	41	2	32	24	27	5	--------	--------
MALAYALAM	49	41	1	37	3	31	20	29	--------	2	--------
KANNADA	29	21	4	21	4	18	16	18	4	1	--------
DRAVIDIAN, OTHER	22	3	6	7	11	8	3	9	2	6	--------
AMERICAN INDIAN											
NORTH AMERICAN											
NAVAHO	7	1	--------	1	2	1	--------	--------	1	4	--------
NORTH AMERICAN INDIAN, OTHER	27	5	6	8	12	7	6	5	5	6	--------
CENTRAL AMERICAN - TOTAL, INCLUDING UTO-AZTECAN	11	--------	2	3	5	1	--------	1	1	4	--------
SOUTH AMERICAN											
GUARANI	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
QUECHUA	2	--------	--------	--------	1	--------	--------	--------	--------	1	--------
SOUTH AMERICAN INDIAN, OTHER	7	1	2	2	4	3	1	4	1	--------	--------
CAUCASIAN											
GEORGIAN	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
CAUCASIAN, OTHER	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------
MISCELLANEOUS											
PAPUAN-AUSTRALIAN	5	1	--------	2	1	1	1	1	--------	2	--------
CREOLES AND PIDGINS	16	5	3	9	4	1	--------	3	--------	1	--------
OTHER LANGUAGES NOT INCLUDED IN ANY OF THE ABOVE CATEGORIES	1,289	99	101	71	180	329	164	243	180	760	20

NOTE - THESE DATA ARE BASED ON A MAXIMUM OF TWO FOREIGN LANGUAGES REPORTED BY 195,502 OF THE 242,763 TOTAL REGISTRANTS.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–58. Number of scientists with knowledge of a foreign area, by field, 1966

AREA	TOTAL	SCIENTIFIC AND TECHNICAL FIELD					
		CHEMISTRY	EARTH SCIENCES	METEOROLOGY	PHYSICS	MATHEMATICS	AGRICULTURAL SCIENCES
ALL AREAS	242,763	65,917	19,749	6,283	29,130	22,806	10,038
ALL FOREIGN AREAS	95,998	21,519	10,325	3,726	10,791	6,640	3,778
NORTH AMERICA (EXCEPT U.S.), GENERAL	2	1	------	------	------	1	------
GREENLAND	186	12	57	43	14	20	11
CANADA	10,290	2,508	1,590	253	1,021	724	557
MEXICO	5,831	1,046	965	87	405	301	275
CENTRAL AMERICA	1,453	208	215	70	62	61	95
WEST INDIES AND BERMUDA	1,161	202	167	86	81	67	44
CUBA	554	137	87	13	44	47	15
SOUTH AMERICA	225	40	52	5	11	10	7
COLUMBIA	521	50	182	8	21	19	19
VENEZUELA	739	74	429	2	27	30	12
BRITISH GUIANA	44	4	5	6	4	4	4
SURINAM	22	3	8	------	1	------	1
FRENCH GUIANA	2	------	------	------	------	------	2
ECUADOR	143	15	27	2	8	8	10
PERU	480	64	115	9	30	14	25
BOLIVIA	120	15	41	3	8	3	7
BRAZIL	988	148	185	29	81	49	67
PARAGUAY	43	3	8	------	2	1	5
CHILE	351	33	68	5	34	21	23
ARGENTINA	549	116	85	13	49	21	18
URUGUAY	55	14	4	------	6	4	5
FALKLAND ISLANDS	------	------	------	------	------	------	------
EUROPE (GENERAL)	2,144	473	178	71	220	167	50
NORTHERN EUROPE (NORDEN)	161	21	13	4	20	17	4
FINLAND	185	42	18	2	20	10	15
SWEDEN	947	264	48	35	121	55	22
NORWAY	516	99	67	19	65	32	14
DENMARK	677	162	36	6	114	46	12
ICELAND	138	22	25	29	8	14	5
WESTERN EUROPE	1,690	337	167	40	191	135	40
GREAT BRITAIN (UNITED KINGDOM)	11,249	2,828	631	448	1,637	735	263
REPUBLIC OF IRELAND	293	76	13	18	41	31	10
BENELUX	1,769	562	115	27	264	106	34
FRANCE	5,385	1,131	338	160	709	477	146
SOUTHERN EUROPE	82	10	4	10	11	14	1
PORTUGAL	76	12	7	14	3	8	2
SPAIN	702	121	77	95	59	41	13
ITALY	3,074	749	201	81	342	172	103
VATICAN CITY	2	------	1	------	------	------	------
YUGOSLAVIA	262	57	16	3	38	18	5
ALBANIA	5	1	------	------	2	------	------
GREECE	647	196	39	23	85	36	8
CENTRAL EUROPE	86	24	5	3	7	7	2
GERMANY (FEDERAL REPUBLIC)	11,149	3,147	670	497	1,477	958	454
GERMANY (SOVIET ZONE)	15	4	------	------	1	2	1
SWITZERLAND	1,587	510	65	10	341	99	12
AUSTRIA	1,255	365	62	22	183	87	21
EASTERN EUROPE	22	------	4	------	3	3	------
BULGARIA	35	13	3	------	2	1	------
RUMANIA	101	40	6	------	8	12	3
HUNGARY	603	238	29	6	83	45	9
CZECHOSLOVAKIA	352	114	9	3	37	17	2
POLAND	476	153	19	3	55	41	5
U.S.S.R. (RUSSIA)	1,008	270	91	11	110	62	34
ASIA (GENERAL)	40	6	5	3	3	3	1
EAST ASIA (FAR EAST)	346	97	23	12	66	43	7
MANCHURIA	4	------	------	------	1	1	1
CHINA (MAINLAND)	2,060	617	98	42	382	169	48
CHINA (TAIWAN)	368	97	22	21	57	25	8
MONGOLIA	3	------	3	------	------	------	------
KOREA	2,185	448	205	92	200	168	202
JAPAN	6,158	1,226	542	573	632	522	293
TIBET	3	------	1	------	------	1	1
SOUTHEAST ASIA	104	13	13	11	10	11	1
BURMA	110	13	13	2	10	6	7
THAILAND	243	22	26	17	17	9	9
LAOS	9	1	------	------	1	------	1
CAMBODIA	15	------	4	------	------	------	3
VIET NAM	245	30	17	63	16	28	11
MALAYSIA	73	22	6	------	5	2	4
INDONESIA	292	53	73	2	18	9	11
PHILIPPINES	1,827	341	207	129	129	106	142
SOUTH ASIA	141	12	24	2	14	5	6
PAKISTAN	354	36	89	2	29	10	15
INDIA	2,310	533	150	55	315	152	71
SOUTHWEST ASIA (MIDDLE EAST, NEAR EAST)	180	23	53	1	8	12	2

Appendix Table A–58. Number of scientists with knowledge of a foreign area, by field, 1966—Continued

AREA	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	ANTHRO-POLOGY	LINGUISTICS	OTHER FIELDS
ALL AREAS	29,633	19,027	3,042	13,150	3,640	919	1,269	18,160
ALL FOREIGN AREAS	14,177	7,495	966	6,640	1,980	821	982	6,158
NORTH AMERICA (EXCEPT U.S.), GENERAL	------	------	------	------	------	------	------	------
GREENLAND	11	4	1	1	1	1	------	10
CANADA	1,201	793	103	524	163	49	17	787
MEXICO	994	626	50	357	136	122	87	390
CENTRAL AMERICA	414	80	8	99	22	29	6	84
WEST INDIES AND BERMUDA	212	87	9	75	26	20	6	79
CUBA	65	41	3	37	9	4	4	48
SOUTH AMERICA	42	13	5	17	3	1	1	18
COLUMBIA	80	16	2	52	23	7	14	28
VENEZUELA	39	16	4	41	5	3	3	54
BRITISH GUIANA	4	1	1	2	2	2	2	3
SURINAM	4	1	------	2	1	------	------	1
FRENCH GUIANA	------	------	------	------	------	------	------	------
ECUADOR	31	6	1	14	2	4	6	9
PERU	86	19	1	43	7	28	8	31
BOLIVIA	9	4	------	18	1	3	2	6
BRAZIL	166	44	14	97	18	20	11	59
PARAGUAY	12	1	------	5	------	1	3	2
CHILE	43	11	4	60	14	3	2	30
ARGENTINA	105	26	6	55	11	3	5	36
URUGUAY	7	4	2	3	------	------	1	5
FALKLAND	------	------	------	------	------	------	------	------
EUROPE (GENERAL)	326	233	17	172	39	13	4	182
NORTHERN EUROPE (NORDEN)	29	23	5	10	6	------	1	8
FINLAND	23	15	2	11	12	2	10	3
SWEDEN	232	46	8	48	17	1	10	40
NORWAY	62	48	6	36	24	2	5	37
DENMARK	155	54	5	27	24	4	3	29
ICELAND	6	4	1	8	4	------	3	9
WESTERN EUROPE	242	137	20	219	35	2	8	117
GREAT BRITAIN (UNITED KINGDOM)	1,974	928	113	742	209	44	55	642
REPUBLIC OF IRELAND	34	26	1	20	9	2	------	12
BENELUX	267	101	12	90	32	5	15	139
FRANCE	779	630	52	398	114	24	75	352
SOUTHERN EUROPE	11	6	2	5	1	------	1	6
PORTUGAL	9	4	------	6	3	2	3	3
SPAIN	86	54	6	50	15	4	37	44
ITALY	519	355	25	204	74	14	37	198
VATICAN CITY	1	------	------	------	------	------	------	------
YUGOSLAVIA	38	17	5	27	12	3	12	11
ALBANIA	1	------	------	------	------	------	------	1
GREECE	78	56	11	61	15	9	14	16
CENTRAL EUROPE	9	8	------	10	3	1	2	4
GERMANY (FEDERAL REPUBLIC)	1,299	869	80	657	173	27	96	745
GERMANY (SOVIET ZONE)	1	3	1	1	------	------	------	1
SWITZERLAND	252	100	5	92	20	3	9	69
AUSTRIA	171	149	9	80	17	6	18	65
EASTERN EUROPE	2	1	------	6	------	2	1	------
BULGARIA	8	3	------	------	1	------	2	2
RUMANIA	13	6	------	7	------	------	3	3
HUNGARY	95	27	1	30	5	1	9	25
CZECHOSLAVAKIA	54	24	6	34	13	5	16	18
POLAND	55	46	5	44	12	------	9	29
U.S.S.R. (RUSSIA)	108	70	12	110	36	5	29	60
ASIA (GENERAL)	4	3	1	5	1	1	------	4
EAST ASIA (FAR EAST)	29	19	2	13	4	3	5	23
MANCHURIA	1	------	------	------	------	------	------	------
CHINA (MAINLAND)	272	73	37	112	41	8	24	137
CHINA (TAIWAN)	39	12	7	37	7	2	9	29
MONGOLIA	------	------	------	------	------	------	------	------
KOREA	299	144	30	178	43	4	8	164
JAPAN	890	436	64	397	101	39	43	400
TIBET	------	------	------	------	------	------	------	------
SOUTHEAST ASIA	15	4	2	13	2	1	------	8
BURMA	23	6	2	14	4	6	2	2
THAILAND	57	11	2	27	11	10	11	14
LAOS	------	2	------	1	1	2	------	------
CAMBODIA	1	------	------	5	1	------	1	------
VIET NAM	18	6	2	19	4	1	6	24
MALAYSIA	11	4	1	10	2	2	------	4
INDONESIA	44	12	1	34	3	8	10	14
PHILIPPINES	279	132	21	125	37	18	18	143
SOUTH ASIA	20	13	3	15	5	6	7	9
PAKISTAN	54	15	6	52	27	4	4	11
INDIA	322	154	54	200	81	36	42	145
SOUTHWEST ASIA (MIDDLE EAST, NEAR EAST)	23	14	2	22	1	2	2	15

Appendix Table A–58. Number of scientists with knowledge of a foreign area, by field, 1966—Continued

AREA	TOTAL	SCIENTIFIC AND TECHNICAL FIELD					
		CHEMISTRY	EARTH SCIENCES	METEOROLOGY	PHYSICS	MATHEMATICS	AGRICULTURAL SCIENCES
FOREIGN AREAS - CONTINUED							
IRAN	338	72	48	6	23	24	17
IRAQ	136	23	24	1	21	14	4
SAUDI ARABIA	172	19	72	7	5	13	5
SYRIA	47	12	2	-------	7	3	1
LEBANON	235	42	9	3	36	13	3
JORDAN	72	18	10	1	3	7	6
ISRAEL	1,027	224	42	12	174	117	12
TURKEY	464	71	81	37	47	14	19
CYPRUS	30	5	5	-------	2	1	1
AFRICA (GENERAL)	171	12	38	11	4	6	7
NORTHERN AFRICA	788	66	308	94	34	44	45
UNITED ARAB REPUBLIC	471	91	59	6	39	18	19
WESTERN AFRICA	427	40	59	6	24	15	36
CENTRAL AFRICA	51	5	10	1	1	3	1
EASTERN AFRICA	385	23	68	2	21	19	25
SOUTHERN AFRICA	351	36	74	3	40	13	14
ARCTIC OCEAN	21	1	6	3	5	1	-------
ATLANTIC OCEAN	42	2	6	22	1	3	3
PACIFIC OCEAN	933	120	122	116	55	71	84
AUSTRALIA	1,243	212	240	40	116	63	61
NEW ZEALAND	397	54	88	25	31	16	29
MELANESIA	252	27	32	3	11	10	32
POLYNESIA	63	3	9	-------	2	1	5
U.S. OUTLYING AREAS - PACIFIC	-------	-------	-------	-------	-------	-------	-------
INDIAN OCEAN	2	1	-------	-------	-------	-------	-------
OTHER AREAS	358	26	92	26	14	16	13
NO REPORT OF FOREIGN AREA	146,765	44,398	9,424	2,557	18,339	16,166	6,260

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–58. Number of scientists with knowledge of a foreign area, by field, 1966—Continued

AREA	SCIENTIFIC AND TECHNICAL FIELD							
	BIOLOGICAL SCIENCES	PSYCHOLOGY	STATISTICS	ECONOMICS	SOCIOLOGY	ANTHRO-POLOGY	LINGUISTICS	OTHER FIELDS
FOREIGN AREAS - CONTINUED								
IRAN	44	20	5	32	8	7	8	24
IRAQ	13	2	1	18	5	3	4	3
SAUDI ARABIA	7	8	1	11	3	2	4	15
SYRIA	5	5	1	5	1	------	2	3
LEBANON	54	20	------	15	9	6	16	9
JORDAN	7	3	2	11	1	------	------	3
ISRAEL	121	155	14	61	40	6	5	44
TURKEY	34	36	10	49	13	4	14	35
CYPRUS	3	3	1	7	------	------	------	2
AFRICA (GENERAL)	34	9	1	19	16	6	2	6
NORTHERN AFRICA	63	26	5	32	16	7	8	40
UNITED ARAB REPUBLIC	115	19	3	41	17	10	10	24
WESTERN AFRICA	61	33	8	61	12	28	14	30
CENTRAL AFRICA	9	2	------	5	1	5	5	3
EASTERN AFRICA	86	22	------	43	14	31	8	23
SOUTHERN AFRICA	69	22	5	18	11	15	4	27
ARCTIC OCEAN	3	------	------	------	------	1	------	1
ATLANTIC OCEAN	4	------	------	1	------	------	------	------
PACIFIC OCEAN	143	75	11	45	11	16	7	57
AUSTRALIA	233	76	20	80	19	10	5	68
NEW ZEALAND	75	28	2	20	9	4	4	12
MELANESIA	66	14	4	9	8	16	3	17
POLYNESIA	14	9	3	1	4	9	1	2
U.S. OUTLYING AREAS - PACIFIC	------	------	------	------	------	------	------	------
INDIAN OCEAN	1	------	------	------	------	------	------	------
OTHER AREAS	48	12	8	70	17	1	------	15
NO REPORT OF FOREIGN AREA	15,456	11,532	2,076	6,510	1,660	98	287	12,002

Appendix Table A–59. Number and percent of scientists, by field and sex, 1966

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	MALE		FEMALE	
		NUMBER	PERCENT DISTRIBUTION	NUMBER	PERCENT DISTRIBUTION
ALL FIELDS	242,763	222,599	100	20,164	100
CHEMISTRY	65,917	60,922	27	4,995	25
EARTH SCIENCES	19,749	19,095	8	654	3
METEOROLOGY	6,283	6,154	3	129	1
PHYSICS	29,130	28,149	13	981	5
MATHEMATICS	22,806	20,411	9	2,395	12
AGRICULTURAL SCIENCES	10,038	9,988	4	50	---
BIOLOGICAL SCIENCES	29,633	26,286	12	3,347	16
PSYCHOLOGY	19,027	14,794	7	4,233	21
STATISTICS	3,042	2,735	1	307	2
ECONOMICS	13,150	12,579	6	571	3
SOCIOLOGY	3,640	3,059	1	581	3
ANTHROPOLOGY	919	748	---	171	1
LINGUISTICS	1,269	1,002	---	267	1
OTHER FIELDS	18,160	16,677	7	1,483	7

NOTE – PERCENTS MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–60. Number of women scientists, by field and highest degree, 1966

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	HIGHEST DEGREE				LESS THAN BACHELOR'S DEGREE	NO REPORT OF DEGREE
		PH.D.	PROFESSIONAL MEDICAL	MASTER'S	BACHELOR'S		
ALL FIELDS	20,164	6,595	306	7,677	5,305	99	182
CHEMISTRY	4,995	1,175	24	1,261	2,458	20	57
EARTH SCIENCES	654	139	------	292	217	2	4
METEOROLOGY	129	13	------	42	56	8	10
PHYSICS	981	244	1	412	319	1	4
MATHEMATICS	2,395	332	1	1,270	730	24	38
AGRICULTURAL SCIENCES	50	8	------	21	14	7	------
BIOLOGICAL SCIENCES	3,347	1,442	27	929	648	18	34
PSYCHOLOGY	4,233	2,161	2	1,995	66	1	8
STATISTICS	307	64	------	144	82	8	9
ECONOMICS	571	218	------	258	84	4	7
SOCIOLOGY	581	343	------	226	12	------	------
ANTHROPOLOGY	171	149	------	13	7	------	2
LINGUISTICS	267	119	------	102	43	1	2
OTHER FIELDS	1,483	188	2	712	569	5	7

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–61. Number of women scientists, by field and type of employer, 1966

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	TYPE OF EMPLOYER								NOT EMPLOYED	NO REPORT OF TYPE OF EMPLOYER
		EDUCATIONAL INSTITUTIONS	FEDERAL GOVERNMENT	OTHER GOVERNMENT	MILITARY	NONPROFIT ORGANIZATIONS	INDUSTRY AND BUSINESS	SELF-EMPLOYED	OTHER		
ALL FIELDS	20,164	9,656	1,576	1,002	66	1,311	2,661	443	196	3,013	240
CHEMISTRY	4,995	1,776	424	94	10	298	1,226	21	28	1,069	49
EARTH SCIENCES	654	276	106	35	5	15	62	25	2	123	5
METEOROLOGY	129	33	39	4	23	7	8	------	------	15	------
PHYSICS	981	489	84	4	------	35	126	7	3	223	10
MATHEMATICS	2,395	1,230	170	33	4	80	526	19	15	301	17
AGRICULTURAL SCIENCES	50	24	7	9	------	------	2	3	------	5	------
BIOLOGICAL SCIENCES	3,347	1,948	277	134	15	281	197	36	19	401	39
PSYCHOLOGY	4,233	2,052	188	569	8	449	81	298	85	425	78
STATISTICS	307	92	82	23	------	15	60	3	3	28	1
ECONOMICS	571	248	103	42	------	20	70	6	2	73	7
SOCIOLOGY	581	417	26	25	------	24	6	8	13	49	13
ANTHROPOLOGY	171	126	3	3	------	6	------	5	9	17	2
LINGUISTICS	267	162	9	3	------	24	9	2	1	52	5
OTHER FIELDS	1,483	783	58	24	1	57	288	10	16	232	14

SOURCE – NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–62. Number of women scientists, by field and primary work activity, 1966

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	PRIMARY WORK ACTIVITY								NOT EMPLOYED	NO REPORT OF WORK ACTIVITY
		RESEARCH AND DEVELOPMENT			MANAGEMENT OR ADMINISTRATION		TEACHING	PRODUCTION AND INSPECTION	OTHER		
		TOTAL (A)	BASIC RESEARCH	APPLIED RESEARCH	TOTAL (B)	OF R&D					
ALL FIELDS	20,164	6,047	3,284	2,355	1,356	551	5,278	756	2,745	3,013	969
CHEMISTRY	4,995	2,009	1,371	521	192	85	715	417	285	1,069	308
EARTH SCIENCES	654	152	96	54	35	16	184	6	125	123	29
METEOROLOGY	129	44	27	17	10	3	11	------	44	15	5
PHYSICS	981	351	227	104	29	17	288	12	41	223	37
MATHEMATICS	2,395	577	111	264	129	59	982	165	162	301	79
AGRICULTURAL SCIENCES	50	8	3	5	8	3	6	18	4	5	1
BIOLOGICAL SCIENCES	3,347	1,305	984	313	204	83	971	74	224	401	168
PSYCHOLOGY	4,233	1,067	222	829	430	119	730	------	1,410	425	171
STATISTICS	307	116	23	74	38	27	51	29	33	28	12
ECONOMICS	571	136	51	81	86	49	181	10	62	73	23
SOCIOLOGY	581	124	82	42	72	44	283	------	24	49	29
ANTHROPOLOGY	171	38	36	2	8	7	89	------	11	17	8
LINGUISTICS	267	45	29	16	15	7	121	------	24	52	10
OTHER FIELDS	1,483	75	22	33	100	32	666	25	296	232	89

(A) INCLUDES DEVELOPMENT OR DESIGN.
(B) INCLUDES MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH OR DEVELOPMENT.

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

Appendix Table A–63. Number of women scientists, by field and years of professional experience, 1966

SCIENTIFIC AND TECHNICAL FIELD	TOTAL	YEARS OF PROFESSIONAL EXPERIENCE										NO REPORT OF YEARS OF EXPERIENCE
		1 OR LESS YEARS	2–4 YEARS	5–9 YEARS	10–14 YEARS	15–19 YEARS	20–24 YEARS	25–29 YEARS	30–34 YEARS	35–39 YEARS	40 OR MORE YEARS	
ALL FIELDS	20,164	1,313	3,876	4,146	2,801	2,109	1,792	1,086	840	575	553	1,073
CHEMISTRY	4,995	699	1,256	900	524	436	349	171	123	77	91	369
EARTH SCIENCES	654	58	135	96	91	66	59	40	35	20	27	27
METEOROLOGY	129	16	20	27	18	14	15	11	1	1	1	5
PHYSICS	981	105	280	195	116	77	52	29	32	21	11	63
MATHEMATICS	2,395	18	496	696	361	189	179	108	88	49	52	159
AGRICULTURAL SCIENCES	50	2	4	6	8	8	8	6	4	2	1	1
BIOLOGICAL SCIENCES	3,347	162	570	584	456	383	359	242	172	131	117	171
PSYCHOLOGY	4,233	110	575	904	759	551	420	274	231	165	163	81
STATISTICS	307	3	48	77	38	41	40	19	12	7	3	19
ECONOMICS	571	34	92	100	68	57	71	44	36	17	11	41
SOCIOLOGY	581	3	41	150	95	84	62	40	20	23	26	37
ANTHROPOLOGY	171	2	24	34	33	16	16	7	16	7	3	13
LINGUISTICS	267	32	65	48	43	17	23	6	7	7	2	17
OTHER FIELDS	1,483	69	270	329	191	170	139	89	63	48	45	70

SOURCE - NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL, 1966.

APPENDIX B

Criteria for Inclusion in the National Register

The cooperating societies identify individuals with "full professional standing" for inclusion in the National Register, whether or not they are members of a professional society. Qualifications for "full professional standing" as a scientist were established in 1966 by the cooperating societies according to the following criteria:

Chemist (American Chemical Society)—A bachelor's degree and current employment in an area of chemistry; or 10 years of professional experience in an area of chemistry.

Earth scientist (American Geological Institute)—A bachelor's degree in an area of earth science; or uses the professional identification of geologist, geophysicist, geographer, geological engineer, petroleum engineer, or mining engineer and is employed in the field of earth science with at least 1 year of professional experience.

Meteorologist (American Meteorological Society)—A degree in meteorology, climatology, or related area; or completion of a professional course in meteorology at an institution of recognized standing and employment in meteorological or climatological work at a professional level for at least 2 years.

Physicist or astronomer (American Institute of Physics)—A bachelor's degree plus 2 years of additional training or professional experience; or the equivalent in professional experience.

Mathematician or statistician (American Mathematical Society)—A bachelor's degree in mathematics or statistics plus 4 years of professional experience; or a master's degree plus 2 years of professional experience; or a Ph.D. in mathematics or statistics; or the equivalent in professional experience.

Biologist (American Institute of Biological Sciences)—A Ph.D in an area of biology; or a master's degree in an area of biology plus a year of professional experience; or a bachelor's degree in an area of biology plus 2 years of professional experience; or the equivalent in professional experience.

Bio-medical scientist (Federation of American Societies for Experimental Biology)—A Ph.D. in an area of human biology and engaged in research; or a professional medical degree and engaged in research; or the equivalent in professional experience.

Psychologist (American Psychological Association)—A Ph.D. based in part upon a psychological dissertation and conferred by a graduate school of recognized standing; or a master's degree in psychology from a recognized graduate school and 1 year of professional experience; or the completion of 2 years of graduate work in psychology at a recognized graduate school and either employed in psychology or engaged in graduate study; or the equivalent in professional experience.

Economist (American Economic Association)—A graduate degree in economics; or a bachelor's degree in economics with 2 years of professional experience; or the equivalent in professional experience.

Sociologist (American Sociological Association)—A Ph.D or equivalent professional training in sociology or closely related

field; or substantial professional achievement in the field of sociology; or the equivalent in professional experience.

Anthropologist (American Anthropological Association)—A Ph.D. in anthropology; or the equivalent in professional experience.

Linguist (Center for Applied Linguistics)—An undergraduate major in linguistics with evidence of continued activity in the field; or graduate training in linguistics; or employment in the field of linguistics; or the equivalent in professional experience.

Each society considers both the type and length of work experience, as well as nonformal training, when full professional standing is to be based on an equivalent in professional experience. These varying standards should be kept in mind when comparing the numbers of individuals in the different scientific fields.

APPENDIX C

1966 Questionnaire and Specialties List

NATIONAL REGISTER
OF SCIENTIFIC AND TECHNICAL PERSONNEL

IN THE FIELD OF **CHEMISTRY** CONDUCTED BY THE

AMERICAN CHEMICAL SOCIETY

1155 SIXTEENTH STREET, N.W., WASHINGTON, D. C. 20036

AND THE NATIONAL SCIENCE FOUNDATION

And in other fields of science by the American Anthropological Association, American Economic Association, American Geological Institute, American Institute of Biological Sciences, American Institute of Physics, American Mathematical Society, American Meteorological Society, American Psychological Association, American Sociological Association, Federation of American Societies for Experimental Biology, and the Center for Applied Linguistics.

PLEASE DO NOT WRITE IN THIS COLUMN

FORWARDED TO

RETURN TO

PLEASE PRINT ANSWERS IN DARK INK OR TYPE

IF YOUR NAME OR ADDRESS AT LEFT IS INCORRECT, PLEASE ENTER CORRECT INFORMATION BELOW:
PLEASE GIVE FULL NAME

.....

.....

.....

.....

PLEASE BE SURE YOUR POSTAL ZIP CODE IS INDICATED.

NOTE: If you have received and completed a National Register questionnaire from one of the other organizations listed above since March 1, 1966, please write the name of the organization here .....; also, please complete item 1, and on the back of the questionnaire, give your social security number, date and signature, and return in the enclosed envelope.

VITA:

1. DATE OF BIRTH (Month / Day / Year)	2. STATE OR FOREIGN COUNTRY OF BIRTH	3. STATE OR FOREIGN COUNTRY OF SECONDARY SCHOOL GRADUATION	4. SEX
			☐ 1 - MALE ☐ 2 - FEMALE

5. CITIZENSHIP (check one)

☐ 6 - USA

☐ 7 - NON-USA (specify country) .....

☐ 8 - USA APPLIED FOR (specify present citizenship) .....

☐ 9 - NON-USA, permanent USA resident (specify citizenship) .....

EDUCATION:

6. COLLEGE, UNIVERSITY, OR OTHER INSTITUTION (include city and state)	EARNED DEGREE, IF ANY	YEAR OF DEGREE	MAJOR	MINOR

PROFESSIONAL IDENTIFICATION:

7. I regard myself professionally as a (an): (check only one)

☐ X1 - Agricultural and Food Chemist
☐ 00 - Analytical Chemist
☐ X2 - Biochemist
☐ 03 - Chemical Engineer
☐ 01 - Inorganic Chemist
☐ 02 - Organic Chemist
☐ X6 - Physical Chemist
☐ - Other (specify) .....

SCIENTIFIC COMPETENCE:

8. From the accompanying specialties list, select and enter on the lines below in decreasing order the four specialties in which you consider you have your greatest scientific competence, based on your total educational and work experience. Enter only scientific specializations. (Current specializations not considered scientific should be reported in item 12.)

Greatest: ..... (Number / Specialty Title)

Second: ..... (Number / Specialty Title)

Third: ..... (Number / Specialty Title)

Fourth: ..... (Number / Specialty Title)

CURRENT PROFESSIONAL EMPLOYMENT:

9. Check your current employment status.

☐ 1 - Employed full-time
☐ 2 - Employed part-time
☐ 3 - Unemployed and seeking employment
☐ 4 - Not employed and not seeking employment
☐ 5 - Retired

If you are a student, check your status.

☐ 6 - Student, full-time
☐ 7 - Student, part-time

10. Please give name of present principal employer, actual place of employment, and title of present position. (If not employed currently, omit items 10 through 15. Begin again with item 16.)

..... Name of present principal employer

..... Actual place of employment (city and state)

..... Title of present position

11. Check the box of the category which is most appropriate for your present principal employer (check only one).

☐ 1 - PRIVATE INDUSTRY OR BUSINESS
☐ A - SELF-EMPLOYED
☐ 2 - COLLEGE OR UNIVERSITY, OTHER THAN MEDICAL SCHOOL (specify department or other organizational unit) .....
☐ B - SECONDARY SCHOOL OR SCHOOL SYSTEM
☐ K - MEDICAL SCHOOL
☐ 3 - FEDERAL GOVERNMENT—CIVILIAN EMPLOYEE
☐ C - USPHS—COMMISSIONED CORPS
☐ L - MILITARY SERVICE—ACTIVE DUTY
☐ 4 - STATE GOVERNMENT
☐ D - COUNTY GOVERNMENT
☐ M - MUNICIPAL GOVERNMENT
☐ U - OTHER GOVERNMENT AGENCY (specify) .....
☐ 5 - NONPROFIT HOSPITAL OR CLINIC
☐ E - NONPROFIT ORGANIZATION, OTHER THAN HOSPITAL, CLINIC, OR EDUCATIONAL INSTITUTION
☐ 9 - OTHER (specify) .....

NSF FORM 9D-15c (MAR. 1966)

—PLEASE COMPLETE OTHER SIDE—

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CURRENT PROFESSIONAL EMPLOYMENT CONTINUED

PLEASE DO NOT WRITE IN THIS COLUMN

12. Indicate on the lines below the specialization most closely related to your PRESENT employment. For scientific specializations enter both the number and specialty title from the accompanying specialties list; or write in your specialty if it is not in a scientific field.

Number ..... Specialty Title .....

59 60 61 62

13. Number your first and second most important kind of activity, in terms of working time devoted, by entering "1" and "2" on the appropriate lines below.

..... O - MANAGEMENT OR ADMINISTRATION OF RESEARCH AND DEVELOPMENT
..... A - MANAGEMENT OR ADMINISTRATION OF OTHER THAN RESEARCH AND DEVELOPMENT
..... J - BASIC RESEARCH
..... B - APPLIED RESEARCH
..... 3 - TEACHING (state academic rank) .....
..... C - REPORT OR OTHER TECHNICAL WRITING, EDITING
..... 4 - DEVELOPMENT
..... 6 - PRODUCTION, OPERATIONS, MAINTENANCE, EXPLOITATION, PROCESSING, ECONOMICS, EVALUATION
..... 8 - CONSULTING (specify) .....
..... F - QUALITY CONTROL, INSPECTION, TESTING, TECHNICAL SERVICES
..... W - SALES, MARKETING, PURCHASING, ESTIMATING
..... 9 - OTHER (specify) .....

63 64 65

14. Is ANY of your work being supported or sponsored by U. S. Government funds? ☐ Yes ☐ No ☐ Don't know
If yes, is your work related to any of the following programs:

☐ 1 - Agriculture ☐ 4 - Education ☐ 7 - Natural resources ☐ 0 - Other program (specify) .....
☐ 2 - Atomic energy ☐ 5 - Health ☐ 8 - Public works
☐ 3 - Defense ☐ 6 - International ☐ 9 - Space

66

NOTE: Salary and income information is regarded as confidential and will be used for statistical purposes only. It will *NOT* be released in any way that will allow it to be identified with you.

15. BASIC ANNUAL SALARY (JAN. 1966): Please give the basic annual salary associated with your principal professional employment as of Jan. 1966.

$.....

If academically employed, check whether salary is for ☐ 9-10 mos. or ☐ 11-12 mos.

(Basic Annual Salary is your annual salary before deductions for income tax, social security, retirement, etc., but does not include bonuses, overtime, summer teaching, or other payment for professional work. Do not include rental or subsistence allowances.)

67 68 69

16. ESTIMATED GROSS ANNUAL PROFESSIONAL INCOME (Jan. 1 to Dec. 31, 1966): Please give your estimated gross professional income from all professional activities for the year which will end December 31, 1966. $.....

(Gross Annual Professional Income is ALL payment received for professional activities including basic salary before deductions, plus bonuses, royalties, fees, honoraria, rental and subsistence allowances, etc.)

70 71 72

17. How many years of professional work experience, including teaching, have you had? ☐☐

73 74

LANGUAGE AND AREA KNOWLEDGES:

18. FOREIGN LANGUAGE: List the languages (other than English) in which you have knowledge and indicate with a check mark (√) your proficiency.
If you have no foreign language competence, check here. ☐

NAME OF LANGUAGE(S)	PROFICIENCY								
	CAN PREPARE AND DELIVER LECTURES		CAN CONVERSE		HAVE FACILITY TO TRANSLATE TECHNICAL JOURNALS		CAN READ TECHNICAL ARTICLES FOR OWN USE		SOME KNOWLEDGE, BUT CAN'T USE AS A MEDIUM OF COMMUNICATION
	FLUENTLY 1	SUPERFICIALLY 2	FLUENTLY 3	PASSABLY 4	INTO ENGLISH 5	FROM ENGLISH 6	EASILY 7	WITH DIFFICULTY 8	9

75 76 77

19. AREA KNOWLEDGE: List the foreign countries of which you have a knowledge gained by residence, research, or travel.

COUNTRY	TOTAL YEARS RESIDENCE	YEAR LAST VISITED	NATURE OF YOUR KNOWLEDGE

78 79 80

98 99

20. SOCIETY MEMBERSHIP: Circle the number in front of all societies of which you are a member. For write-ins include only national professional societies and use identifying words in full:

621. AMERICAN CHEMICAL SOCIETY
622. AMERICAN INSTITUTE OF CHEMISTS
623. AMERICAN INSTITUTE OF CHEMICAL ENGINEERS
624. AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE
648. OTHERS (specify) .....
649. NONE

60 61

21. Please give a mailing or forwarding address through which you can always be reached if different from address on reverse side.

74 75

C/O ..... Number ..... Street ..... City ..... State ..... Zip Code

76 77 78 79

DATE PREPARED:

SIGNATURE: (Please Sign Full Name)

SOCIAL SECURITY NO. ☐☐☐ ☐☐ ☐☐☐☐

22. If you wish to add to the above information concerning your professional employment(s) or qualifications, please comment below or on an attached sheet, referring to item numbers where appropriate.

ACS

SPECIALTIES LIST

FOR USE WITH

NATIONAL REGISTER OF SCIENTIFIC AND TECHNICAL PERSONNEL

This specialties list includes a number of natural and social science specializations within related subfields for use with the 1966 National Register of Scientific and Technical Personnel. The subfields have been grouped under major field headings; i.e., biology, chemistry, physics, etc. In view of the interdisciplinary nature of many science areas, several subfields are presented at the end of this list under the heading Interdisciplinary Specialties. The items listed under the headings Other Specialties and Engineering, while not designed to give detailed specialty coverage, are included to allow for classification in other areas. *To identify the specialties or subfields which may be considered for inclusion into a particular field of science, it will be necessary to scan this entire list.*

Chemistry

Analytical Chemistry

0001—Absorption spectroscopy
0002—Biochemical analysis
0003—Chemical microscopy
0004—Chromatographic analysis
0005—Distillation analysis
0006—Electrochemical analysis
0007—Electron microscopy
0008—Emission spectroscopy
0010—Extraction analysis
0011—Fluorimetry, phosphorimetry, and Raman spectroscopy
0012—Gas analysis
0013—Gravimetry
0014—Magnetic resonance spectroscopy
0015—Mass spectroscopy
0016—Microchemical analysis
0017—Nucleonics and radiochemistry
0018—Qualitative analysis
0019—Titrimetry
0020—X-ray and electron diffraction
0009—Other (specify)

Inorganic Chemistry

0101—Atomic structure
0102—Boron and silicon compounds; asbestos, clay, glass, etc.
0103—Carbon, germanium, lead, tin; includes graphite, etc.
0104—Coordination compounds
0105—"Electron deficient" compounds; boron hydrides, metal alkyls, etc.
0106—Electropositive elements and their compounds (alkalies and alkaline earths, building products, etc.)
0107—Equilibrium and thermodynamic relationships in inorganic systems
0108—Hydrogen and the hydrides; high energy fuels
0110—Inner transition elements
0111—Inorganic materials useful as solid state electronic devices; semiconductors, etc.
0112—Mechanism of inorganic reactions; reaction kinetics
0113—Nomenclature and symbolism
0114—Nonmetals; halogen, oxygen, and nitrogen families, high energy oxidizers
0115—Nuclear chemistry
0116—Solutions and solvent theory; nonbacteriological aspects of water chemistry
0117—Structure of inorganic compounds; crystallography, spectroscopy, etc.
0118—Synthesis of inorganic materials
0119—Theoretical inorganic chemistry; ligand field theory, molecular orbital theory, ionic models, theory of metals, etc.
0120—Transition elements
0109—Other (specify)

Organic Chemistry

0201—Adhesives
0202—Agricultural chemicals
0203—Aliphatic chemistry
0204—Alkaloids
0205—Amino acids
0206—Antibiotics
0207—Aromatic hydrocarbons and derivatives
0208—Carbohydrates
0210—Coal
0211—Dyestuffs
0212—Elastomers and related products
0213—Emulsions
0214—Explosives and rocket fuels
0215—Fluorine compounds
0216—Free radicals
0217—Heterocycles
0218—Hydrogenation
0219—Isotopes, use of
0220—Oils, fats, waxes
0221—Organometallics
0222—Organophosphorus compounds
0223—Petroleum, petrochemicals, etc.
0224—Pharmaceuticals
0225—Phosphorus compounds
0226—Photo products
0227—Plastics and synthetic resins
0228—Protective coatings
0229—Reaction mechanisms
0230—Silicon compounds
0231—Soaps, detergents, surfactants
0232—Stereochemistry
0233—Steroids
0234—Structure of organic molecules
0235—Sulfur compounds
0236—Terpenes and other alicyclics
0237—Textiles and related products
0238—Wood, paper, cellulose
0209—Other (specify)

Related Chemical Specialties

0301—Adsorption and absorption
0302—Chemical separation
0303—Corrosion and preservation
0304—Electrochemical operations
0305—Chemical economics
0306—Fuels and combustion
0307—Fluid flow
0308—Heat transfer
0310—Mass transfer
0311—Materials handling
0312—Measurement and control
0313—Mechanical separation
0314—Mixing
0315—Nuclear processes
0316—Operational analysis
0317—Pilot plant
0318—Plant and process design
0319—Quality control and standards
0309—Other (specify)

0909—Chemistry, other (specify)

Physics

Acoustics

1001—Applied acoustics, instruments and apparatus
1002—Architectural acoustics
1003—Ear and hearing
1004—Electroacoustics
1005—Infrasonics
1006—Mechanical vibrations and shock
1007—Musical instruments and music
1008—Noise
1010—Speech communications
1011—Theory of waves and vibrations
1012—Ultrasonics
1013—Underwater sound
1009—Other (specify)

Atomic and Molecular Physics

1101—Atomic, ionic and molecular beams
1102—Atomic masses and abundance
1103—Atomic structure and spectra
1104—Chemical bonds and structure
1105—Electron paramagnetic resonance
1106—Impact and scattering phenomena
1107—Mass spectroscopy
1108—Molecular structure and spectra
1110—Nuclear magnetic resonance
1109—Other (specify)

Electromagnetism

1201—Antenna theory
1202—Electrical measurements and instruments
1203—Electromagnetic waves
1204—Electromagnetic wave propagation
1205—Electron dynamics
1206—Electron microscopy, ion optics
1207—Gas discharge
1208—Magnetism
1210—Masers and such devices
1211—Microwaves
1212—Physical electronics
1213—Quantum electronics
1214—X-ray interactions
1215—X-ray phenomena
1216—X-ray technology
1209—Other (specify)

Elementary Particles

1301—Cosmic rays
1302—High energy accelerators
1303—High energy phenomena
1304—Particle detectors
1305—Phenomenological computer analysis
1309—Other (specify)

Mechanics

1401—Analytical mechanics
1402—Ballistics and flight dynamics
1403—Elasticity
1404—Friction
1405—High pressure physics
1406—Impact phenomena
1407—Instruments and measurements
1409—Other (specify)

Nuclear Physics

1501—Accelerators, detectors
1502—Neutrons
1503—Nuclear properties
1504—Nuclear reactions and scattering
1506—Nuclear spectroscopy
1507—Radiation effects
1508—Radioactive materials, isotopes
1510—Reactors
1511—Shielding
1509—Other (specify)

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Optics

1601—Atmospheric and space optics
1602—Color, colorimetry
1603—Fiber optics
1604—Geometrical optics
1605—Information theory, communications, image evaluation
1606—Infrared phenomena
1607—Interferometry
1608—Lasers
1610—Lenses
1611—Optical instruments, techniques and devices
1612—Optical materials
1613—Photography, illumination
1614—Physical optics
1615—Physiological optics
1616—Properties of thin films
1617—Radiometry, photometry
1618—Spectroscopy
1609—Other (specify)

Physics of Fluids

1701—Aerodynamics
1702—Aerosols
1703—Boundary layer effects
1704—Cavities and jets
1705—Compressible fluid dynamics
1706—Explosion phenomena
1707—High temperature flow
1708—Incompressible fluid dynamics
1710—Magneto fluid dynamics
1711—Plasma physics
1712—Rarefied gas flow
1713—Rheology (incl. plastic flow)
1714—Shock wave phenomena
1715—Structure and properties of fluids
1716—Superfluidity
1717—Transport phenomena, diffusion
1718—Turbulence
1719—Viscosity
1709—Other (specify)

Solid State Physics

1801—Ceramics
1802—Cooperative phenomena
1803—Crystallography
1804—Dielectrics (incl. fluids)
1805—Dislocations and plasticity
1806—Dynamics of crystal lattices
1807—Electrical properties of surfaces and junctions
1808—Electron emission
1810—Ferromagnetism
1811—High polymers and glasses
1812—Internal friction
1813—Lattice effects and diffusion
1814—Luminescence
1815—Optical properties
1816—Para- and diamagnetism phenomena
1817—Photoconductivity and related phenomena
1818—Photoelectric phenomena
1819—Piezo and ferro-electricity
1820—Quantum mechanics of solids
1821—Radiation damage
1822—Resonance phenomena
1823—Semiconductors
1824—Superconductivity
1825—Surface structure and kinetics
1826—Thermal conduction in solid state
1827—Thin films
1809—Other (specify)

Thermal Physics

1R01—Calorimetry
1R02—Heat transmission
1R03—High temperature physics
1R04—Low temperature physics
1R05—Temperature and its measurement
1R06—Thermal properties
1R07—Thermodynamics
1R08—Thermodynamic relations, equations of state
1R10—Thermodynamic tables
1R09—Other (specify)

Other Physics Specialties

1X01—Constants, standards, units, metrology, conversion factors
1X02—Energy conversion problems
1X03—Field theory
1X04—High vacuum techniques
1X05—Magnetohydrodynamics
1X06—Many body theory
1X07—Mathematical physics
1X08—Mossbauer effect
1X10—Physical metallurgy
1X11—Physical properties of materials
1X12—Quantum mechanics
1X13—Radiation and health physics
1X14—Relativity and gravitation
1X15—Statistical mechanics and kinetic theory

1909—Physics, other (specify)

Astronomy

X001—Astrometry
X002—Astrophysics
X003—Celestial mechanics
X004—Comets, meteors, interplanetary medium
X005—Cosmology and cosmogony
X006—Design of astronomical instruments
X007—Galaxies
X008—Navigation, geodetic astronomy
X010—Origin of cosmic rays
X011—Photometry of astronomical sources
X012—Physics of the interstellar medium
X013—Planets, satellites
X014—Radio astronomy
X015—Space astronomy
X016—Spectroscopy of astronomical sources
X017—Star systems and statistical astronomy
X018—Stellar energy generation, nucleogenesis, stellar evolution
X019—The sun
X020—Variable stars
X009—Other (specify)

Atmospheric, Lithospheric, and Hydrospheric Specialties

Atmospheric Dynamics, Chemistry, and Physics

2001—Aeronomy
2002—Atmospheric chemistry
2003—Atmospheric electricity
2004—Atmospheric optics and acoustics
2005—Atmospheric thermodynamics
2006—Aurora, airglow
2007—Cloud and precipitation physics
2008—Cosmic rays
2010—Dynamics of atmospheric motion
2011—Interplanetary medium
2012—Planetary atmospheres
2013—Planetary sciences
2014—Radiation
2015—Satellites and deep space probes
2016—Solar-terrestrial relationships
2017—Turbulence and diffusion
2009—Other (specify)

Climatology

2101—Applied climatology
2102—Bioclimatology
2103—Microclimatology
2104—Physical climatology
2105—Statistical climatology
2106—Synoptic climatology
2109—Other (specify)

Synoptic Meteorology

2201—Mesometeorology
2202—Micrometeorology
2203—Numerical analysis and prediction
2204—Observations
2205—Radar meteorology
2206—Weather analysis and forecasting
2209—Other (specify)

Area Specializations

2301—Agricultural meteorology
2302—Air pollution
2303—Aviation meteorology
2304—Engineering meteorology
2305—Hydrometeorology
2306—Marine meteorology
2307—Polar meteorology
2308—Radio meteorology
2310—Tropical meteorology
2311—Satellite meteorology
2309—Other (specify)

Meteorological Instrumentation

2401—Aircraft reconnaissance systems
2402—Automatic data sensing systems
2403—Balloon sounding systems
2404—Radar and radiometric sounding systems
2405—Rocket sounding systems
2406—Sensor design
2407—Weather communication systems
2409—Other (specify)
2909—Meteorology, other (specify)

Geochemistry

3001—Cosmochemistry
3002—General inorganic geochemistry
3003—Isotopes and geochronology
3004—Mineral synthesis and stability relations of minerals
3005—Organic geochemistry
3009—Other (specify)

Geodesy

3101—Geodetic instrumentation
3102—Geodetic surveying
3103—Gravity
3104—Geodetic astronomy; navigation
3109—Other (specify)

Geology

3201—Geology of petroleum deposits
3202—Field geology
3203—Geology of mineral deposits
3204—Stratigraphy
3205—Engineering geology
3206—Structural geology
3207—Petrology
3208—Sedimentology
3210—Mineralogy and crystallography
3211—Geomorphology
3212—Glacial geology
3213—Photogeology
3214—Coal geology
3215—Environmental geology
3216—Geohydrology
3217—Marine geology
3218—Astrogeology
3209—Other (specify)

Paleontology

3301—Micropaleontology
3302—Paleobotany
3303—Paleontology, invertebrate
3304—Paleontology, vertebrate
3305—Palynology
3309—Other (specify)

Solid-Earth Geophysics

3401—Exploration seismology
3402—Exploration geophysics, non-seismic
3403—Geomagnetism and electricity
3404—Geophysical instrumentation
3405—Seismic waves, induced
3406—Seismic waves, natural
3407—Tectonophysics; physical properties of natural materials
3408—Vulcanology (including heat flow)
3409—Other (specify)

Geography

3501—Biogeography
3502—Cultural geography
3503—Economic geography
3504—Geography of resources
3505—Historical geography
3506—Land use
3507—Location theory
3508—Military geography
3510—Physical geography
3511—Political geography
3512—Regional geography (specify region)
3513—Urban geography
3509—Other (specify)

Hydrology

3601—Erosion and sedimentation
3602—Evaporation and transpiration
3603—Glaciology

3604—Ground waters
3605—Precipitation
3606—Quality of water
3607—Snow, ice and permafrost
3608—Soil moisture
3610—Surface waters
3609—Other (specify)

Oceanography

3701—Biological oceanography
3702—Chemical oceanography
3703—Descriptive oceanography
3704—Hydrography
3705—Ocean-bottom processes
3706—Physical oceanography
3707—Plankton
3708—Sea-air interactions
3710—Shore and near shore processes
3711—Underwater sound
3709—Other (specify)

3909—**Earth science specialties, other (specify)**

Mathematics

Algebra

4001—Boolean algebra
4002—Combinatorial analysis
4003—Differential algebra
4004—Fields, rings, algebras
4005—Groups, generalizations
4006—Homological algebra
4007—Lattices
4008—Linear algebra and matrix theory
4010—Order, total and partial
4011—Polynomials
4012—Representation theory
4009—Other (specify)

Analysis and Functional Analysis

4101—Banach spaces and algebras
4102—Calculus of variations
4103—Convexity, inequalities
4104—Difference equations, functional equations
4105—Functions of real variables
4106—Functions of a complex variable
4107—Functions of several complex variables
4108—Hilbert spaces
4110—Integral equations
4111—Integral transforms
4112—Interpolation, approximation
4113—Lie groups and algebras
4114—Measure, integration, area
4115—Operational calculus
4116—Ordinary differential equations
4117—Partial differential equations
4118—Potential theory, subharmonic functions
4119—Series, summability
4120—Set theory
4121—Special functions
4122—Trigonometric series and integrals
4109—Other (specify)

Geometry

4201—Affine geometry
4202—Algebraic geometry
4203—Complex manifolds
4204—Convex domains, extremum problems
4205—Differential geometry, tensor analysis
4206—Euclidean geometry
4207—Finite geometries
4208—Foundations
4210—Integral geometry
4211—Projective, non-Euclidean geometries
4212—Riemannian geometry
4209—Other (specify)

Logic

4301—Applications of logic
4302—Formal and symbolic logic
4303—Foundations of mathematics
4304—Intuitionism
4305—Recursive functions
4309—Other (specify)

Mathematics of Resource Use

4401—Activity analysis
4402—Actuarial mathematics
4403—Biometrics, biostatistics
4404—Control systems
4405—Cryptography
4406—Dynamic programming
4407—Econometrics
4408—Game theory
4410—Information and communication theory
4411—Logistics, military
4412—Operations research, general
4413—Weapons systems evaluation
4414—Theory of the firm
4415—Linear programming
4416—Non-linear programming
4417—Network flow
4418—Queuing
4419—Scheduling
4420—Distribution and transportation
4421—Inventory
4422—Replacement and renewal
4423—System reliability
4424—Adaptive systems
4425—Management gaming
4409—Other (specify)

Number Theory

4501—Algebraic number theory
4502—Analytic number theory
4503—Diophantine problems
4504—Elementary number theory
4505—Geometry of numbers
4509—Other (specify)

Numerical Methods and Computation

4601—Algorithm construction
4602—Analogue systems, coding and programming
4603—Difference and functional equations
4604—Digital computers, operating systems, programming (program preparation, monitoring, debugging)
4605—Digital computers, simulation and gaming
4606—Digital computers, design and translation of artificial languages
4607—Digital computers, machine translation of natural languages
4608—Digital computers, information retrieval
4610—Digital computers, control systems
4611—Digital computers, heuristic programming
4612—Digital computers, design
4613—Eigenvalues
4614—Error analysis
4615—General methods, iteration
4616—Interpolation, approximation, curvefitting
4617—Integral and integro-differential equations
4618—Linear equations, matrices
4619—Nomography, tables
4620—Numerical differentiation, quadrature
4621—Ordinary differential equations
4622—Partial differential equations
4609—Other (specify)

Topology

4701—Abstract spaces
4702—Applications to analysis
4703—Fibre bundles and spaces
4704—Graphs
4705—Homology, cohomology
4706—Homotopy
4707—Manifolds, Kaehler spaces
4708—Mappings
4710—Point-set topology
4711—Topological dynamics
4712—Topological groups
4709—Other (specify)

Probability

4801—Analytic probability theory
4802—Applications of probability
4803—Foundations of probability
4804—Limit theorems
4805—Stochastic processes, general
4806—Markov processes
4807—Theory of generating functions
4808—Time series
4809—Other (specify)

4909—**Mathematics, other (specify)**

Biology

Anatomy

5001—Comparative
5002—Embryology; developmental
5003—Endocrines
5004—Gross
5005—Histological
5006—Neuroanatomy
5007—Pathological
5008—Sense organs
5010—Surgical
5011—Topographic, systemic
5012—Veterinary
5009—Other (specify)

Botany

5101—Algology
5102—Bryology
5103—Cytology
5104—Dendrology
5105—Limnology
5106—Mycology
5107—Nutrition and growth
5108—Phycology
5110—Plant anatomy and morphology
5111—Plant physiology
5112—Taxonomy
5109—Other (specify)

Ecology

5201—Animal ecology
5202—Biological control
5203—Habit influences
5204—Paleoecology
5205—Palynology
5206—Physiological ecology
5207—Plant ecology
5208—Population dynamics
5209—Other (specify)

Entomology

5301—Agricultural
5302—Acarology
5303—Control, chemical
5304—Control, other
5305—Ecological and behavioral
5306—Forest
5307—Insect pests
5308—Insect physiology, morphology, development
5310—Medical
5311—Taxonomy
5309—Other (specify)

Genetics

5401—Animal
5402—Cytogenetics
5403—Human
5404—Microorganisms
5405—Plant
5406—Population studies
5409—Other (specify)

Immunology

5501—Allergies
5502—Antibody formation
5503—Antigens; antibodies
5504—Antigen-antibody reaction
5505—Blood groups
5506—Cell culture
5507—Complement
5508—Hypersensitivity
5510—Immunochemistry
5511—Infection, resistance
5512—Tissue antibodies, auto-antibodies
5513—Transplantation
5514—Vaccines
5509—Other (specify)

Microbiology

5601—Antibiotics
5602—Bacteriology
5603—Bacteriophage
5604—Biologicals
5605—Cell culture
5606—Clinical and diagnostic
5607—Cytology; morphology
5608—Food products
5610—Metabolism
5611—Microbial processes, syntheses
5612—Mycology
5613—Parasitology
5614—Protozoology
5615—Taxonomy
5609—Other (specify)

Nutrition

5701—Amino acids, peptides, proteins
5702—Animal
5703—Atherosclerosis
5704—Cell; tissue culture
5705—Clinical
5706—Digestion
5707—Energy metabolism
5708—Enzymes; coenzymes
5710—Food and feed additives
5711—Food technology
5712—Lipids
5713—Minerals; trace elements
5714—Nutritional diseases
5715—Nutrients; nutrient values
5716—Requirements; deficiencies
5717—Vitamins
5709—Other (specify)

Pathology

5801—Atherosclerosis
5802—Bacteriotoxins
5803—Cardiovascular
5804—Cell; tissue culture
5805—Clinical
5806—Hematology
5807—Immunopathology
5808—Malformations
5810—Oncology; carcinogenesis
5811—Radiation
5812—Veterinary
5809—Other (specify)

Pharmacology

5R01—Autonomic
5R02—Biochemical
5R03—Cardiovascular
5R04—Cellular
5R05—Chemotherapy
5R06—Clinical
5R07—Drug metabolism
5R08—Endocrines
5R10—Neuropharmacology
5R11—Pharmacodynamics
5R12—Psychopharmacology
5R13—Renal
5R14—Toxicology
5R09—Other (specify)

Physiology

5X01—Altitude, environment, stress, space, exercise
5X02—Anesthesiology
5X03—Cardiovascular
5X04—Cell; tissue culture
5X05—Central nervous system
5X06—Electrolyte, water balance
5X07—Endocrines
5X08—Gastrointestinal
5X10—Hematology
5X11—Lipids
5X12—Metabolism
5X13—Muscle
5X14—Neurophysiology
5X15—Radiation
5X16—Renal
5X17—Reproduction
5X18—Respiration
5X19—Temperature regulation
5X20—Transport
5X09—Other (specify)

Plant Pathology

6001—Bacterial
6002—Crop diseases
6003—Disease control, chemical
6004—Disease control, other
6005—Extension pathology
6006—Fungal
6007—Host resistance
6008—Nematodal
6010—Non-infectious diseases
6011—Viral
6009—Other (specify)

Virology

6101—Arbor viruses
6102—DNA virus replication
6103—Enteric viruses
6104—Interferon, interference
6105—Latency
6106—Neurotropic viruses
6107—Pox viruses
6108—Respiratory viruses
6110—RNA virus replication
6111—Tumor viruses
6112—Vaccines
6109—Other (specify)

Zoology

6201—Cytology
6202—Development and growth
6203—Herpetology
6204—Ichthyology
6205—Invertebrate
6206—Limnology
6207—Mammalogy
6208—Ornithology
6210—Parasitology
6211—Protozoology
6212—Taxonomy
6213—Vertebrate
6209—Other (specify)

Agronomy

6301—Crop breeding, hybridization
6302—Crop management
6303—Field crops
6304—Pasture and forage crops
6305—Seed analysis
6306—Turf and ornamental crops
6307—Weed control
6309—Other (specify)

Animal Husbandry

6401—Large animal
6402—Poultry
6403—Small animal
6409—Other (specify)

Fish and Wildlife

6501—Fishery Management
6502—Game Management
6503—Habitat influences
6504—Population dynamics
6509—Other (specify)

Forestry

6601—Forestry management, silviculture
6602—Park and recreational management
6603—Products
6604—Protection
6605—Watershed management
6609—Other (specify)

Range Management

6701—Conservation management
6702—Range science
6709—Other (specify)

Horticulture

6801—Breeding, hybridization
6802—Floriculture
6803—Fruits
6804—Vegetables
6809—Other (specify)

Other Bio-Medical Specialties

6901—Animal behavior
6902—Bioanalysis
6903—Bioinstrumentation
6904—Cardiology
6905—Dentistry
6906—Epidemiology
6907—Exobiology
6908—Gastroenterology
6910—Industrial hygiene and occupational health
6911—Infectious diseases
6912—Internal medicine
6913—Pediatrics
6914—Preventive medicine
6915—Psychiatry
6916—Public health
6917—Radiation biology
6918—Surgery
6919—Veterinary medicine
6909—Other (specify)

5909—**Biology, other (specify)**

Psychology

Clinical Psychology

7001—Behavior problems
7002—Community mental health
7003—Crime and delinquency
7004—Experimental psychopathology
7005—Group therapy
7006—Individual diagnosis
7007—Mental deficiency
7008—Objective tests
7010—Projective techniques
7011—Psychotherapy
7012—Speech pathology
7009—Other (specify)

Counseling and Guidance

7101—Educational counseling
7102—Nondirective therapy
7103—Personal adjustment
7104—Rehabilitation
7105—Vocational counseling
7109—Other (specify)

Developmental Psychology

7201—Childhood and adolescence
7202—Infancy
7203—Maturity and old age
7204—Nursery and pre-school
7209—Other (specify)

Educational Psychology

7301—Educational measurement
7302—Programmed learning
7303—School adjustment
7304—School learning
7305—Special education
7306—Student personnel
7307—Teacher personnel
7309—Other (specify)

7401—**Engineering Psychology**

General Psychology

7501—History and biography
7502—Theory and systems
7509—Other (specify)

Industrial and Personnel Psychology

7601—Employee and executive training and development
7602—Employee morale and attitudes
7603—Job analysis and position classification
7604—Labor-management relations
7605—Market research, advertising
7606—Organizational behavior
7607—Performance evaluation, criterion development
7608—Recruiting, selection, placement
7610—Safety research and training
7611—Salary and pay plans
7609—Other (specify)

Personality

7701—Development
7702—Measurement
7703—Personality and body
7704—Personality and learning
7705—Personality and perception
7706—Personality theory
7707—Structure and dynamics
7709—Other (specify)

7801—**School Psychology**

7909—**Psychology, other (specify)**

Sociology

Socio-Cultural Theory

8001—General theory
8002—Symbolic interactionism
8003—History of social thought
8009—Other (specify)

Methodology

8201—Computer techniques
8202—Experimental sociology
8203—Field data collection
8204—Measurement and index construction
8205—Model building
8206—Mathematical sociology
8207—Social survey design and methods
8208—Statistical analysis
8209—Other (specify)

Demography and Population

8301—Migration
8302—Labor force
8303—Population characteristics
8304—Population trends
8305—Vital statistics
8309—Other (specify)

Rural-Urban Sociology

8401—Community studies
8402—Human ecology
8403—Rural sociology
8404—Urban sociology
8409—Other (specify)

Social Change and Development

8501—Invention and innovation
8502—Social control
8503—Social process
8504—Social mobility
8505—Socio-economic development
8506—Socio-political change
8509—Other (specify)

Social Organization, Structure, and Institutions

8601—Bureaucracy
8602—Cultural—the Arts
8603—Educational
8604—Family
8605—Industrial
8606—Intergroup, including race and ethnic
8607—Legal
8608—Medical
8610—Occupational
8611—Political
8612—Religious
8613—Scientific
8614—Stratification
8609—Other (specify)

Social Problems, Social Disorganization

8701—Criminology
8702—Deviance
8703—Poverty and dependence
8704—Social conflict and accommodation
8709—Other (specify)

8909—Sociology, other (specify)

Anthropology

Please use four-digit codes in reporting specific specialties. A number of specialties appropriate to more than one area, have only two digits. Indicate your appropriate areas and specialties as in the following examples: If your area is ethnology (OX—) and your specialization is museology (__95), use OX95; if your area is archeology (OR__) and your specialization is museology (__95), use OR95; if your area is physical anthropology (07__) and your specialization is osteology, which is not included in the list, use other (specify) (__99), and write in 0799—osteology.

0R—Archeology
0X—Ethnology
04—History of anthropology
05—Methodology
06—Anthropological linguistics
07—Physical anthropology
08—Social/Cultural anthropology

Specialties

__90—Anthropological folklore
__91—Cultural ecology
__92—Economic anthropology
__93—Ethnomusicology
__94—Human paleontology
__95—Museology
__96—Primatology
__97—Psychological anthropology
__99—Other (specify)

RR09—Anthropology, other (specify)

Linguistic Specialties

Applications to Language Teaching

R001—Language aptitude and proficiency testing
R002—Language laboratories
R003—Linguistics in language-textbook construction
R004—Linguistics in second-language pedagogy
R005—Linguistics in the teaching of native-language skills
R006—Linguistics in the training of language teachers
R007—Use of contrastive structural comparisons
R009—Other (specify)

Descriptive Linguistics

R101—Contrastive analysis
R102—Dialectology
R103—Field methods
R104—Lexicography
R105—Morphology
R106—Phonology
R107—Structural analysis
R108—Structure of specific languages
R110—Study of writing systems
R111—Syntax
R109—Other (specify)

General Linguistics

R201—Children's language
R202—Language contact
R203—Mathematical models in linguistics
R204—Statistical studies of language
R205—Study of meaning
R206—Theory of grammar
R207—Typology and language universals
R209—Other (specify)

Historical and Comparative Linguistics

R301—Comparison within a particular group of languages
R302—Etymology
R303—History of specific languages
R304—Reconstruction, subgrouping, and processes of language change
R309—Other (specify)

Language in Relation to Other Fields

R401—History of linguistics
R402—Interrelationships of language and other cultural phenomena
R403—Linguistics and literature
R404—Physiology of speech and hearing
R405—Psycholinguistics
R406—Sociology of language
R409—Other (specify)

Language Policies

R501—Language standardization
R502—Problems of linguistic minorities
R503—Translation of technical terminology
R504—Use of vernacular in education
R509—Other (specify)

Literacy and Writing Systems

R601—Devising of writing systems
R602—Materials for new literates
R603—Teaching of literacy
R609—Other (specify)

Mechanized Applications

R701—Automated linguistic analysis
R702—Linguistic problems of machine translation
R709—Other (specify)

Phonetics

R801—Acoustic phonetics
R802—Articulatory and instrumental phonetics
R809—Other (specify)

R909—Linguistics, other (specify)

Economics

General Economic Theory

9001—General equilibrium (including general welfare economics)
9002—Economic fluctuations
9003—Economic forecasting
9005—Methodology
9006—Microeconomic theory
9009—Other (specify)

Economic History; History of Thought

9101—Economic history
9102—History of thought
9109—Other (specify)

Economic Systems; Development and Planning

9201—Economic systems
9202—Economic planning
9203—National economic development
9209—Other (specify)

Economic Statistics

9301—Econometrics
9302—Input-output and programming methods
9303—Social accounting
9304—Statistical methods
9309—Other (specify)

Monetary and Fiscal Theory and Institutions

9401—Central government finance; fiscal policy
9402—Commercial banking and other short-term credit
9403—Consumer finance and mortgage credit
9404—Monetary theory and policy
9405—State and local finance
9409—Other (specify)

International Economics

9501—Foreign exchange, international finance
9502—Imperialism; colonialism
9503—Trade; commercial policy
9509—Other (specify)

Business Finance and Administration; Marketing and Accounting

9601—Accounting
9602—Advertising and sales
9603—Business administration
9604—Business finance
9605—Business organization
9606—Insurance (private)
9607—Investment and security markets
9608—Managerial economics and industrial management
9610—Marketing
9609—Other (specify)

Industrial Organizations; Government and Business; Industry Studies

9701—Industrial organization and market structure; business, price, and related policies
9702—Policies concerning competition and monopoly; government ownership and operation; wartime operations and control
9703—Public utilities; transportation, and service industries
9704—Studies of manufacturing, construction, and service industries
9709—Other (specify)

Land Economics

9801—Forestry or fishery economics
9802—Economic geography
9803—Natural resources
9809—Other (specify)

Agricultural Economics

9R01—Production economics
9R02—Farm management
9R03—Agricultural finance and marketing
9R04—Processing of agricultural products
9R09—Other (specify)

Labor Economics

9X01—Labor markets
9X02—Public policy; role of government
9X03—Trade unions; collective bargaining; labor management relations
9X04—Wages, hours, condition of employment

9X05—Manpower planning
9X09—Other (specify)

Population; Welfare Programs; Standards of Living

9901—Consumer economics; level and standards of living
9902—Population; migration
9903—Public housing
9904—Welfare programs and social security
9999—Other (specify)
9909—Economics, other (specify)

Interdisciplinary Specialties

Agricultural and Food Chemistry

X101—Alcoholic beverages
X102—Animal and vegetable fats, oils
X103—Animal feeds
X104—Bakery and confectionery products
X105—Cereals, carbohydrates
X106—Fertilizer processing
X107—Flavors
X108—Food and feed additives
X110—Fruits, vegetables, juices
X111—Meat, fish, dairy, and poultry products
X112—Microorganisms; bacteria, yeasts, algae, mold
X113—Nonalcoholic beverages
X114—Pesticides; insecticides, herbicides, fungicides
X115—Plant growth regulators
X109—Other (specify)

Biochemistry

X201—Amino acids, peptides, proteins
X202—Antimetabolites
X203—Biochemical mechanisms
X204—Carbohydrates
X205—Clinical chemistry
X206—Cyto-histochemistry
X207—Endocrines
X208—Enzymes, coenzymes
X210—Fermentation
X211—Intermediary metabolism, biosynthesis
X212—Lipids (phospho-, glyco-, fats, oils)
X213—Medicinal chemistry
X214—Microbial processes, syntheses
X215—Microbiological chemistry
X216—Nucleic acids (purines, pyrimidines)
X217—Oncology, carcinogenesis
X218—Photosyntheses
X219—Physical biochemistry
X220—Steroids
X221—Technology, methodology
X222—Vitamins
X209—Other (specify)

Biophysics

X301—Bioacoustics
X302—Bioelectricity
X303—Bio-optics
X304—Biosystems, control communications
X305—Biothermics and bioenergetics
X306—Biotransport, membrane physics
X307—Cellular
X308—Crystallography
X310—Methodology
X311—Molecular
X309—Other (specify)

Electronics

X401—Electron ballistics
X402—Electron tubes
X403—Electronic device circuitry
X404—Electronics instrumentation
X405—Emission
X406—Gas devices
X407—Gaseous electronics
X408—Semiconductor devices
X410—Solid state electronics
X409—Other (specify)

Experimental, Comparative and Physiological Psychology

X501—Animal behavior
X502—Animal learning
X503—Apparatus design and evaluation
X504—Audition
X505—Autonomic functions
X506—CNS functions
X507—Communications research, information theory
X508—Electroencephalography
X510—Feeling and emotion
X511—Human learning
X512—Motivation
X513—Motor skills
X514—Perception
X515—Psychophysics
X516—Sensory processes
X517—Symbolic processes, problem solving
X518—Vision
X509—Other (specify)

Physical Chemistry

X601—Catalysis and surface chemistry
X602—Chemical kinetics
X603—Colloid chemistry
X604—Crystal structure
X605—Determination of physical constants
X606—Electrochemistry
X607—Flames and explosives
X608—Fused salt
X610—Gaseous state
X611—High pressure chemistry
X612—High temperature chemistry
X613—Ion exchange and applications
X614—Liquid state and solutions; electrolytes and nonelectrolytes
X615—Low temperature studies
X616—Molecular dynamics
X617—Molecular energy levels and geometry
X618—Nuclear chemistry
X619—Photochemistry and energy transfer
X620—Polymer chemistry
X621—Quantum and valence theory
X622—Radiation chemistry
X623—Solid state chemistry
X624—Thermodynamics, thermochemistry, homogeneous chemical and phase equilibria
X609—Other (specify)

Psychometrics

X701—Experimental design
X702—Factor analysis
X703—High-speed computers
X704—Mathematical models
X705—Test construction, validation
X706—Test theory, scale analysis
X709—Other (specify)

Soil Specialties

X801—Fertility, management
X802—Soil microbiology
X803—Soil chemistry
X804—Soil conservation
X805—Soil genesis, classification and mapping
X806—Soil mechanics and engineering
X807—Soil mineralogy
X808—Soil physics
X809—Other (specify)

Social Psychology

XR01—Attitudes
XR02—Collective behavior and social movements
XR03—Cultural deprivation
XR04—Culture and personality
XR05—Group interaction
XR06—Leadership
XR07—Public opinion
XR08—Reference groups
XR10—Role behavior
XR11—Social perception
XR12—Symbolic communication
XR09—Other (specify)

Statistics

2801—Analytical statistics
2802—Decision theory, sequential analysis
2803—Design and analysis of experiments
2804—Estimation and testing, parametric
2805—Multivariate analysis
2806—Non-parametric methods
2807—Quality control
2808—Sampling techniques
2810—Survey methods; including forms design, data collection and data processing
2811—Theory of statistical inference
2812—Time series analysis
2809—Other (specify)

Other Specialties

XX01—Abstracting
XX02—Cartography
XX03—Code development
XX04—Compiling and editing
XX05—Education
XX06—Fine and applied arts
XX07—History
XX08—History of science, social science, and mathematics
XX10—Home economics
XX11—Indexing
XX12—Information retrieval
XX13—Information system design
XX14—Journalism
XX15—Law, jurisprudence
XX16—Library and archival science
XX17—Literature of science, social science, and mathematics
XX18—Methodology of second language teaching
XX19—Music
XX20—Nomenclature
XX21—Patent law
XX22—Philosophy
XX23—Photogrammetry
XX24—Political science
XX25—Project appraisal and control
XX26—Public administration
XX27—Speech
XX28—Tariffs
XX29—Teaching of science, social science, and mathematics
XX30—Translation
XX09—Other (specify)

Engineering

X901—AERONAUTICAL AND ASTRONAUTICAL ENGINEERING
X902—AGRICULTURAL ENGINEERING
X903—ARCHITECTURAL ENGINEERING
X904—CERAMIC ENGINEERING
X905—CHEMICAL ENGINEERING
X906—CIVIL ENGINEERING
X907—CONSTRUCTION ENGINEERING
X908—ELECTRICAL ENGINEERING
X910—ELECTRONIC ENGINEERING
X911—ENGINEERING MECHANICS
X912—ENGINEERING GENERAL
X913—ENGINEERING PHYSICS
X914—ENGINEERING SCIENCE
X915—GEOLOGICAL ENGINEERING
X916—GEOPHYSICAL ENGINEERING
X917—INDUSTRIAL ENGINEERING
X918—MATERIALS ENGINEERING
X919—MECHANICAL ENGINEERING
X920—METALLURGICAL/PHYSICAL METALLURGY ENGINEERING
X921—MINERAL ENGINEERING
X922—MINING/MINING GEOLOGY ENGINEERING
X923—NAVAL ARCHITECTURAL/MARINE ENGINEERING
X924—NUCLEAR ENGINEERING
X925—PETROLEUM/PETROLEUM REFINING ENGINEERING
X926—SANITARY ENGINEERING
X927—TEXTILE ENGINEERING
X928—TRANSPORTATION ENGINEERING
X929—WELDING ENGINEERING
X909—ENGINEERING, OTHER (specify)

APPENDIX D

Subfields Included in Each Scientific and Technical Field

Chemistry

Analytical chemistry
Inorganic chemistry
Organic chemistry
Related chemical specialties
Agricultural and food chemistry
Biochemistry
Physical chemistry
Chemistry, other

Earth sciences

Geochemistry
Geodesy
Geology
Paleontology
Solid-earth geophysics
Geography
Hydrology
Oceanography
Atmospheric, lithospheric, and hydrospheric specialties, other

Meteorology

Atmospheric dynamics, chemistry, and physics
Climatology
Synoptic meteorology
Area specializations
Meteorological instrumentation
Meteorology, other

Physics

Acoustics
Atomic and molecular physics
Electromagnetism
Elementary particles
Mechanics
Nuclear physics
Optics
Physics of fluids
Solid state physics
Thermal physics
Other physics specialties
Astronomy
Electronics
Physics, other

Mathematics

Algebra
Analysis and functional analysis
Geometry
Logic
Mathematics of resource use
Number theory
Numerical methods and computations
Topology
Probability
Mathematics, other

Agricultural sciences

Agronomy
Animal husbandry
Fish and wildlife
Forestry
Range management
Horticulture
Soil specialties

Biological sciences

Anatomy
Botany
Ecology
Entomology
Genetics
Immunology
Microbiology
Nutrition
Pathology
Pharmacology
Physiology
Plant Pathology
Virology
Zoology
Other bio-medical specialties
Biophysics
Biology, other

Psychology

Clinical psychology
Counseling and guidance
Developmental psychology
Educational psychology
Engineering psychology
General psychology
Industrial and personnel psychology
Personality
School psychology
Experimental, comparative, and physiological psychology
Psychometrics
Social psychology
Psychology, other

Statistics

Statistics

Economics

General economic theory
Economic history; history of thought
Economic systems; development and planning

Economics—Continued

Economic statistics

Monetary and fiscal theory and institutions

International economics

Business finance and administration; marketing and accounting

Industrial organizations; government and business; industry studies

Land economics

Agricultural economics

Labor economics

Population; welfare programs; standards of living

Economics, other

Sociology

Socio-cultural theory
Methodology
Demography and population
Rural-urban sociology
Social change and development
Social organization, structure, and institutions
Social problems, social disorganization
Sociology, other

Anthropology

Archeology
Ethnology
History of anthropology
Methodology
Anthropological linguistics
Physical anthropology
Social/cultural anthropology
Anthropology, other

Linguistics

Application to language teaching
Descriptive linguistics
General linguistics
Historical and comparative linguistics
Language in relation to other fields
Language policies
Literacy and writing systems
Mechanized applications
Phonetics
Linguistics, other

Other

Other specialties
Engineering

APPENDIX E

Language Family List Used by the National Register in 1966

Indo-European

Indic

Hindi-Urdu
Bengali
Gujerati
Singhalese
Marathi
Oriya
Panjabi
Indic, other

Iranian

Persian
Pashtu
Kurdish
Iranian, other

Balto-Slavic

Baltic
(Lithuanian and Lettish)
Russian
Polish
Czech and Slovak
Serbo-Croatian
Bulgarian
Ukrainian
Slavic, other

Romance

French
Spanish
Italian
Portuguese
Rumanian
Romance, other

Germanic

German
Swedish
Dutch
Norwegian
Danish
Germanic, other

Miscellaneous Indo-European

Celtic
Modern Greek
Armenian
Albanian
Indo-European, other

Afro-Asiatic

Semitic

Arabic
Hebrew
Amharic
Semitic, other

Afro-Asiatic, other

Berber
Cushitic
Hausa and Afro-Asiatic, other

African

Niger-Congo

Swahili
Xhosa and Zulu
Bantu, other
Akan (Twi and Fante)
Ibo
Yoruba
Fula(ni)
Niger-Congo, other

Sub-Saharan African, other

Uralic-Altaic

Osmanli Turkish
(Istanbul and Anatolian)
Turkic, other
Mongolian
Altaic, other
Hungarian
Finnish
Estonian and other Balto-Finnic
Uralic, other

East Asian

Sino-Tibetan

Mandarin or Peking Chinese
Chinese, other
Thai-Lao
Burmese
Tibetan
Vietnamese
Cambodian (Khmer)
Southeast Asian, other
Japanese
Korean

Malayo-Polynesian

Indonesian

Malay and Bahasa Indonesia
Javanese
Sundanese
Madurese
Tagalog
Visayan
Ilocano
Malagasy
Indonesian, other

Malayo-Polynesian, other

Polynesian
Melanesian
Micronesian

Dravidian

Tamil
Telegu

Dravidian—Continued

Malayalam
Kannada
Davidian, other

American Indian

North American

Navaho
North American Indian, other

Central American

Central American, including Uto-Aztecan

South American

Guarani
Quechua
South American Indian, other

Caucasian

Georgian
Caucasian, other

Miscellaneous

Papuan-Australian
Creoles and Pidgins
Other languages not included in any of the above categories

APPENDIX F

Foreign Area List Used by the National Register in 1966

North America (except U.S.)

Greenland
Canada
  Northwest Territories
  Yukon Territory
  British Columbia
  Alberta
  Manitoba
  Ontario
  Quebec
  Newfoundland
  New Brunswick
  Prince Edward Island
  Nova Scotia

Latin America
(Hispanic America)

Mexico
Central America
  Guatemala
  British Honduras
  Honduras
  El Salvador
  Nicaragua
  Costa Rica
  Panama
West Indies and Bermuda
  Greater Antilles
    Cuba
    Haiti
    Dominican Republic
    Jamaica
  Lesser Antilles
    Leeward Islands
    Windward Islands
    British Lesser Antilles
    French West Indies
      (Guadeloupe and Martinique)
    Netherlands Antilles
    Trinidad and Tobago
    U. S. Outlying Areas — Caribbean
    Bermuda
    Bahamas
South America
  Colombia
  Venezuela
  British Guiana
  Surinam
  French Guiana
  Ecuador
  Peru
  Bolivia
  Brazil
  Paraguay
  Chile
  Argentina
  Uruguay
  Falkland Islands

Europe

Northern Europe (Norden)
  Finland
  Scandinavia
    Sweden
    Norway
    Denmark
  Iceland
Western Europe
  British Isles
    Great Britain (United Kingdom)
      England
      Scotland
      Wales
      Northern Ireland
    Republic of Ireland
  Benelux
    Belgium
    Netherlands
    Luxembourg
  France
Southern Europe
  Iberian Peninsula
    Portugal
    Spain
    Andorra
    Gibraltar
  Monaco
  Italy
  San Marino
  Vatican City
  Malta
  Yugoslavia
  Albania
  Greece
Central Europe
  Germany (Federal Republic)
  Germany (Soviet Zone)
  Switzerland
  Liechtenstein
  Austria
Eastern Europe
  Bulgaria
  Rumania
  Hungary
  Czechoslovakia
  Poland
  U.S.S.R. (Russia)
    Armenia (USSR)
    Azerbaidzhan (USSR)
    Bessarabia (USSR)
    Byelorussia (USSR) (White Russia)
    Georgia (USSR)
    Moldavia (USSR)
    Ukraine (USSR)
    Estonia (USSR)
    Latvia (USSR)
    Lithuania (USSR)

Asia

U.S.S.R. (Asiatic)
- Siberia
- Kazakh (USSR)
- Kirghiz (USSR)
- Kuriles (USSR)
- Tudjhik (USSR)
- Turkmen (USSR)
- Uzbek (USSR)

East Asia (Far East)
- Manchuria
- China (Mainland)
- China (Taiwan)
- Mongolia
- Hong Kong
- Macao
- Korea
- Japan
- Tibet

Southeast Asia
- Burma
- Thailand
- Laos
- Cambodia
- Viet Nam
- Malaysia
- Singapore
- Brunei
- Indonesia
- Portuguese Timor
- Philippines

South Asia
- Afghanistan
- Pakistan
- Jammu
- Kashmir
- India
- Sikkim
- Nepal
- Bhutan
- Ceylon

Southwest Asia (Middle East, Near East)
- Iran
- Iraq
- Arabian Peninsula
  - Aden
  - Protectorate of South Arabia
  - Bahrain
  - Kuwait
  - Muscat and Oman
  - Qatar
  - Saudi Arabia
  - Trucial States
  - Yemen
- Syria
- Lebanon
- Jordan
- Israel
- Turkey
- Cyprus

Africa

Northern Africa
- Morocco
- Ifni
- Algeria
- Tunisia
- Libya
- United Arab Republic

Western Africa
- Spanish Sahara
- Mauritania
- Mali
- Niger
- Senegal
- Gambia
- Portuguese Guinea
- Guinea
- Sierra Leone
- Liberia
- Ivory Coast
- Ghana
- Upper Volta
- Togo
- Dahomey
- Nigeria

Central Africa
- Chad
- Central African Republic
- Cameroon
- Sao Tome e Principe
- Equatorial Guinea (Roi Muni and Fernando Po)
- Gabon
- Congo (Brazzaville)
- Congo (Leopoldville)
- Rwanda
- Burundi

Eastern Africa
- Sudan
- Ethiopia
- French Somaliland
- Somali Republic
- Uganda
- Kenya
- Tanzania (Tanganyika and Zanzibar)
- Mozambique
- Comoro Islands
- Malagasy Republic

Southern Africa
- Angola
- Zambia
- Malawi
- Rhodesia
- South-West Africa
- Bechuanaland
- Republic of South Africa
- Basutoland
- Swaziland

Oceans

Arctic Ocean

Atlantic Ocean
- Azores
- Madeira Islands
- Canary Islands
- Cape Verde Islands
- Saint Helena

Pacific Ocean
- Australia
- New Zealand
- Micronesia
- Mariana Islands
- Caroline Islands
- Marshall Islands
- Gilbert Islands

Melanesia
- Territory of Papua and New Guinea
- Solomon Islands
- New Hebrides
- New Caledonia
- Fiji Islands

Polynesia
- Ellice Islands
- Phoenix Islands
- Tokelau Islands
- Samoa Islands
- Tonga
- Cook Islands
- Line Islands

Oceans—Continued
Polynesia—Continued
French Polynesia (Society Islands, Tuamotu Archipelago, Marquesas Islands, Iles Australes, and Clipperton Island)

U.S. Outlying Areas—Pacific

Indian Ocean

Maldive Islands
Seychelles
Mauritius
Reunion

Other Areas

South Polar Region
Antarctica

North Polar Region

Other Areas

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